Form Number 3326-322 Rev A

Z17-52 TimeCutter™ Z Riding Mower

Model No. 74701 - 210000001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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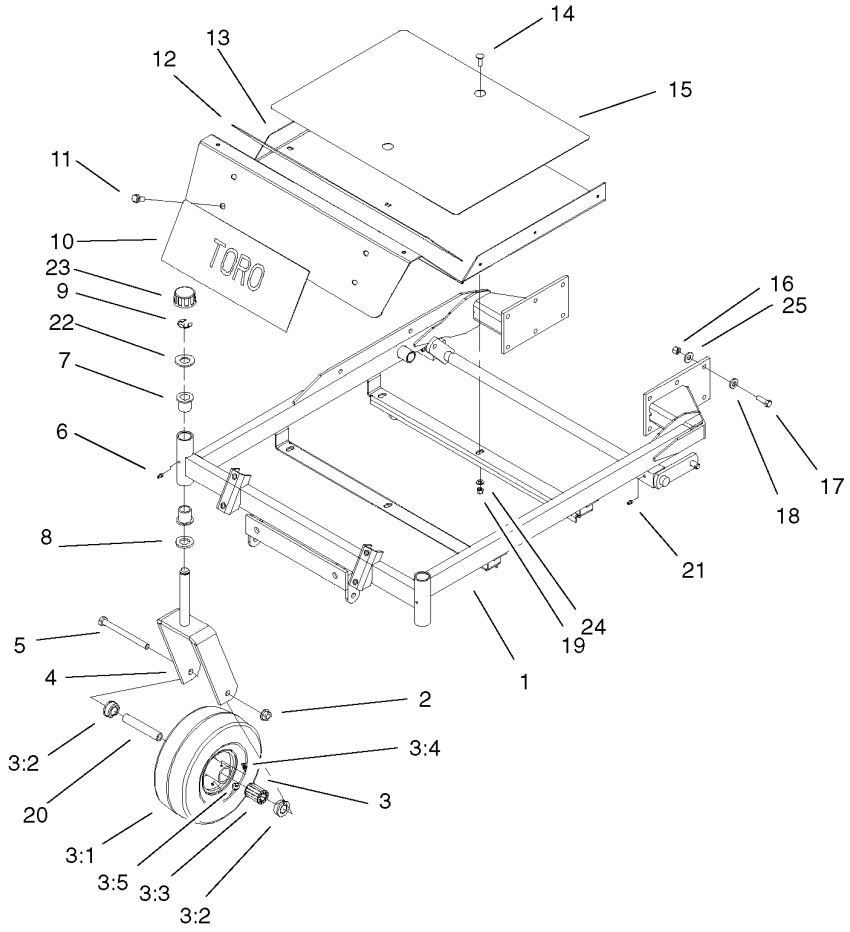
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HD. . . . . heavy-duty
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
LH. . . . . left hand
NI. . . . . nylon insert
NPTF. . . . . national pipe thread fine
PFH. . . . . phillips flat head
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power-take-off
RH. . . . . right hand
ROPS. . . . . roll-over protection system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head

Footnotes

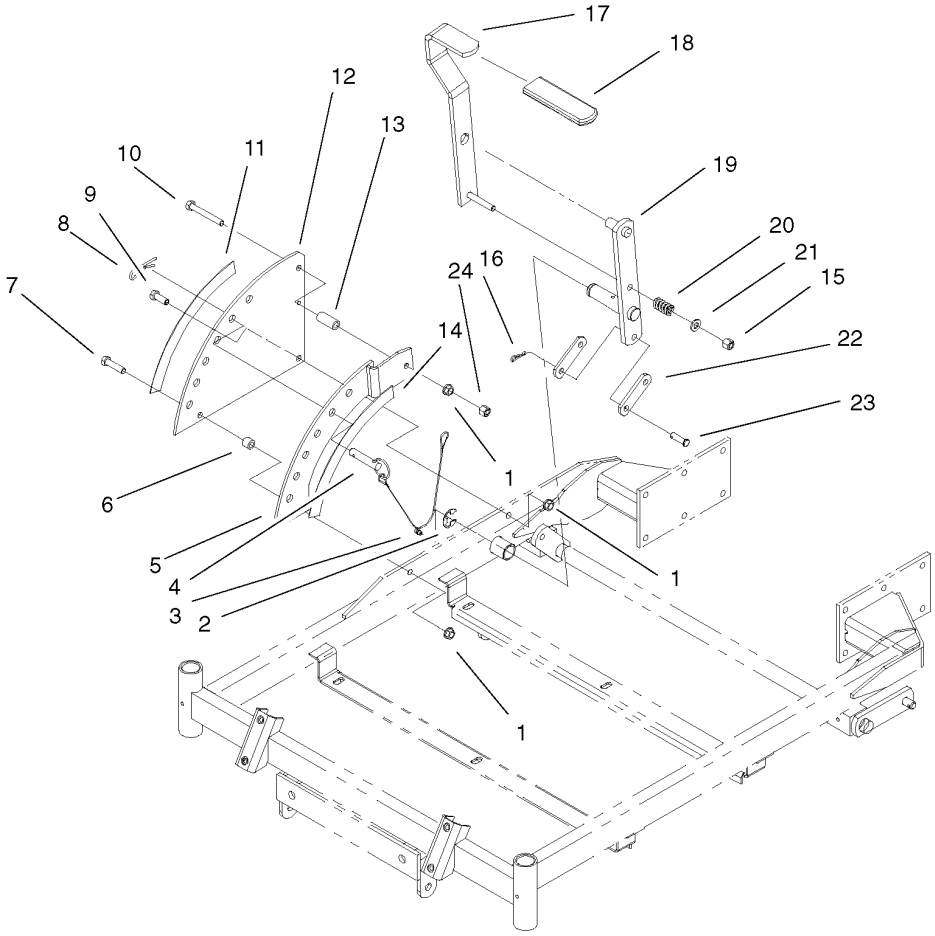
❶ Not illustrated
❷ Not serviced
❸ Obtain Parts From Kohler



Front Frame Assembly

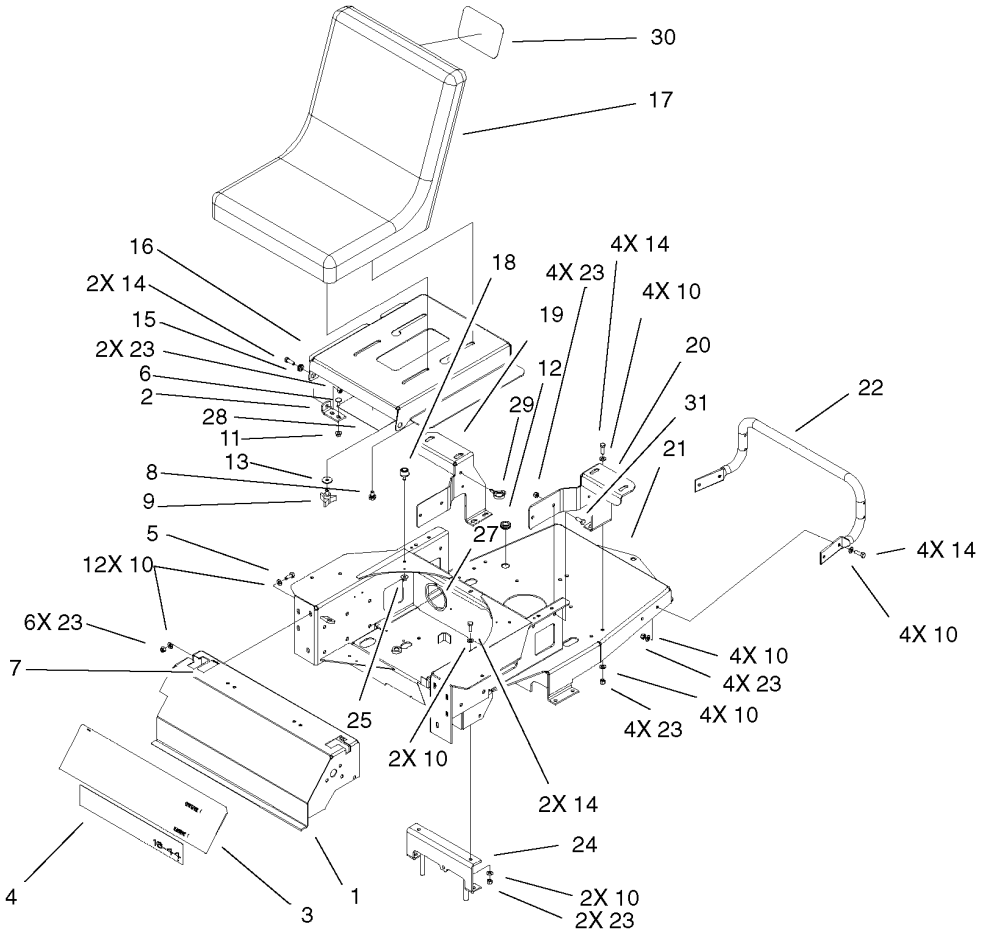
Ref	Part No.	Qty.	Description
1	100-7357-01	1	Carrier Frame ASM
2	32128-23	2	Nut-HF
3	100-7364	2	Caster Wheel ASM
3:1	105-1943	1	Tire
3:2	62-5580	2	Bearing-Outside
3:3	83-4740	1	Bearing
3:4	302-11	1	Fitting-Lube, 45 DEG
3:5	232-27	1	Stem-Valve
4	100-7363-01	2	Caster Fork ASM
5	325-22	2	Screw-HH
6	302-5	2	Fitting-Grease
7	1-303514	4	Bearing-Flanged
8	1-513338	2	Washer-Flat
9	32151-103	2	Ring-Retaining, EXT
10	104-8016	1	Decal
11	66-9300	4	Screw-HF
12	104-3639	1	Pad-Skid, Anti
13	100-7386-03	1	Floorpan
14	3230-28	6	Screw-CARR
15	104-3640	1	Pad-Skid, Anti
16	3296-39	12	Nut-Lock, NI
17	323-7	12	Screw-HH
18	98-5975	12	Washer-Belleville
19	3296-29	6	Nut-Lock, NI

Ref	Part No.	Qty.	Description
20	104-3667	2	Spanner-Wheel
21	302-19	2	Fitting-Grease
22	104-8076	2	Washer
23	61-9780	2	Cap-Hub
24	3256-23	6	Washer-Flat
25	1-809107	12	Washer-Hardened



Height-of-Cut Handle and Plate Assembly

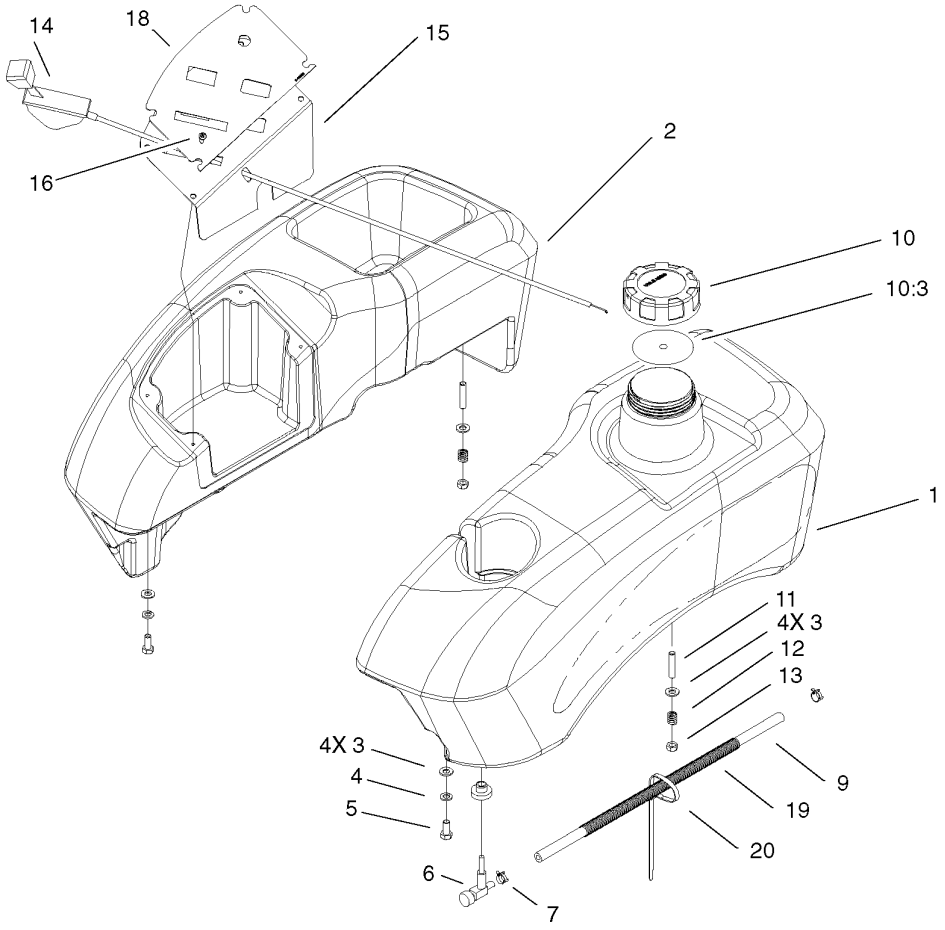
Ref	Part No.	Qty.	Description
1	3290-357	3	Nut-HHF, Whiz
2	32151-103	1	Ring-Retaining, EXT
3	302-5	1	Fitting-Grease
4	104-3678	1	Pin-Hitch
5	100-7335-01	1	Plate-Lift
6	1-413088	1	Bushing-Lever, Lift
7	323-8	1	Screw-HH
8	1-806005	1	Pin-Hair
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	104-3641	1	Decal-Deck Height, Outer
12	100-7384-01	1	Plate-Deck Lift
13	1-633082	1	Bushing-Lever, Lift
14	104-8032	1	Decal-Deck Height, Inner
15	3296-39	1	Nut-Lock, NI
16	1-806003	2	Pin-Hair
17	1-652023-03	1	Lever-Lift
18	1-633295	1	Grip-Lever, Lift
19	1-652027-03	1	Arm-Deck, Lift
20	1-633325	1	Spring-Compression
21	3256-24	1	Washer-Flat
22	1-633068	2	Arm-Lift, Deck
23	283-2	2	Pin-Clevis
24	32128-21	1	Nut-HF



Main Frame Assembly

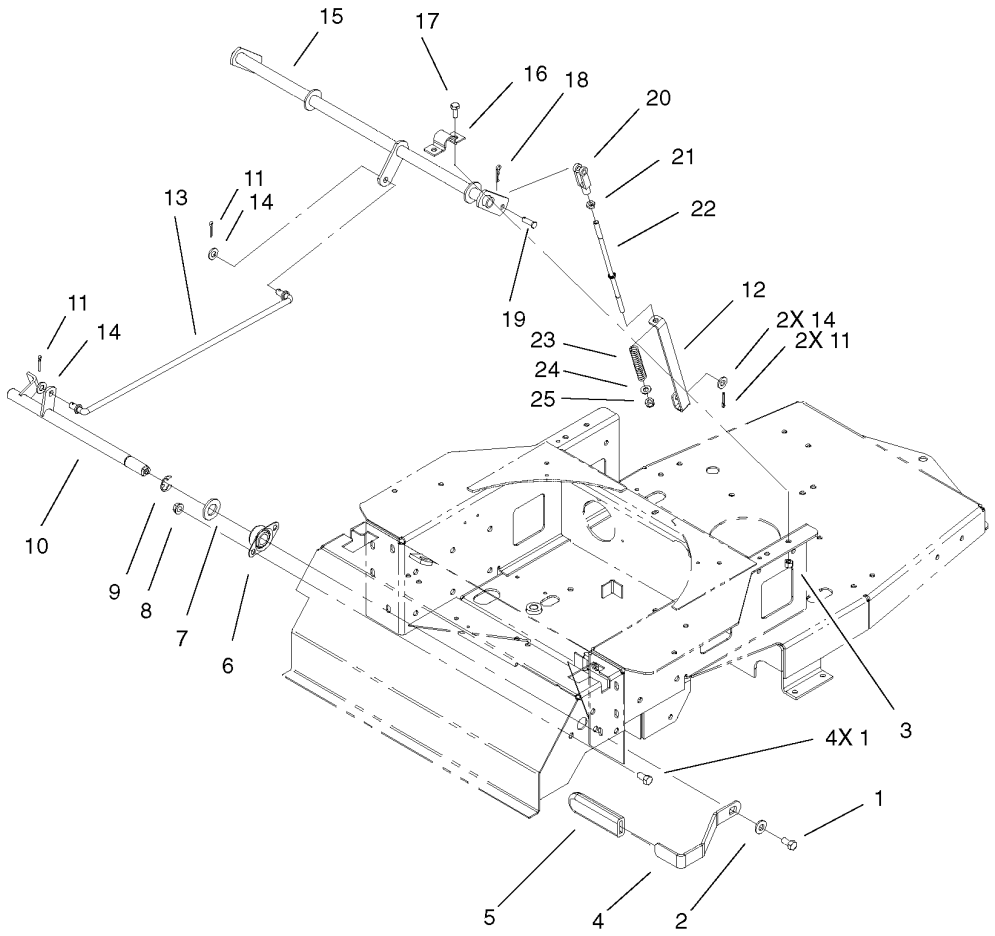
Ref	Part No.	Qty.	Description
1	104-8040-03	1	Console
2	104-8057-03	2	Bracket-Pivot
3	104-8014	1	Decal-Console
4	104-8015	1	Decal
5	322-4	6	Screw-HH
6	104-8049	4	Screw-CARR
7	1-633354	2	Decal-Control, Motion
8	37-8770	2	Bolt-Shoulder
9	92-9674	2	Knob
10	3256-23	32	Washer-Flat
11	32128-25	4	Nut-HF
12	237-124	1	Grommet
13	5-4460	2	Washer-Pivot
14	322-5	12	Screw-HH
15	105503	2	Bushing
16	104-8058-03	1	Pan-Seat
17	104-3690	1	Seat
18	1-523420	2	Bumper
19	100-7376-01	1	Bracket-RH
20	100-7368-01	1	Bracket-LH
21	100-7367-01	1	Frame-Rear
22	100-7332-03	1	Rod-Support, Rear
23	3296-29	22	Nut-Lock, NI
24	104-3676-03	1	Bracket-Hydro Front

Ref	Part No.	Qty.	Description
25	32128-33	2	Nut-HF
27	105-1854	1	Cover-Conduit
28	104-8088	1	Decal-Service
29	105-1853	2	Clamp-Hose
30	93-7340	1	Decal
31	322-3	4	Screw-HH



Fuel Tank and Control Pod Assembly

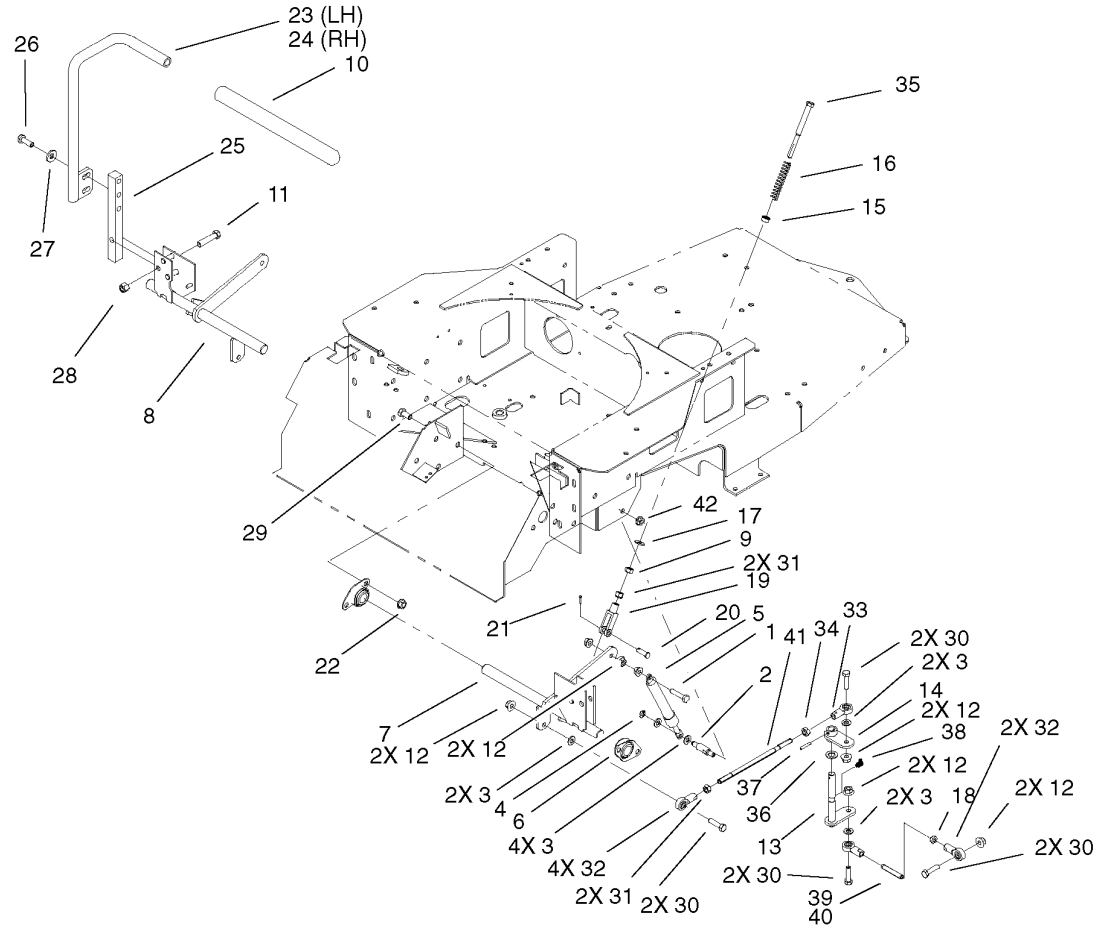
Ref	Part No.	Qty.	Description
1	104-3648	1	Tank-Fuel
2	104-3649	1	Tank-Console
3	3256-23	8	Washer-Flat
4	3253-4	4	Washer-Lock
5	322-3	4	Screw-HH
6	104048	1	Valve-Fuel
7	2412-98	2	Clamp
9	104-8010	1	Hose-Fuel
10	88-3980	1	Gas Cap ASM
10:3	88-4010	1	Gasket-Cap, Gas
11	1-633023	4	Stud
12	1-633349	4	Spring-Tank, Fuel
13	3296-47	4	Nut-Lock, NI
14	104-8007	1	Cable-Throttle
15	104-3664-03	1	Panel-Control
16	3250-14	4	Screw-PPH
18	104-8009	1	Decal-Panel, Control
19	105-1854	1	Cover-Conduit
20	614249	1	Strap-Tie



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	323-4	5	Screw-HH
2	98-5975	1	Washer-Belleville
3	3296-29	4	Nut-Lock, NI
4	100-7346-03	1	Handle-Brake, Park
5	1-633268	1	Grip-Lever, Brake
6	1-633102	2	Bearing-Flange, Side
7	3256-28	1	Washer-Flat
8	3290-357	4	Nut-HHF, Whiz
9	32151-48	1	E-Ring
10	100-7318	1	Brake Shaft ASM
11	3272-10	4	Pin-Cotter
12	104-3675	2	Bracket-Spring, Brake
13	104-8046	1	Rod-Brake, Upper
14	3256-24	4	Washer-Flat
15	104-3670-03	1	Shaft-Brake
16	88-4730	2	Clamp-Pivot, HOC
17	322-3	4	Screw-HH
18	1-806003	2	Pin-Hair
19	1-808280	2	Pin-Clevis
20	1-303105	2	Yoke-Adjustable
21	3219-2	2	Nut-Hex
22	104-3674	2	Rod-Brake, Upper
23	38-4520	2	Spring
24	3256-23	2	Washer-Flat

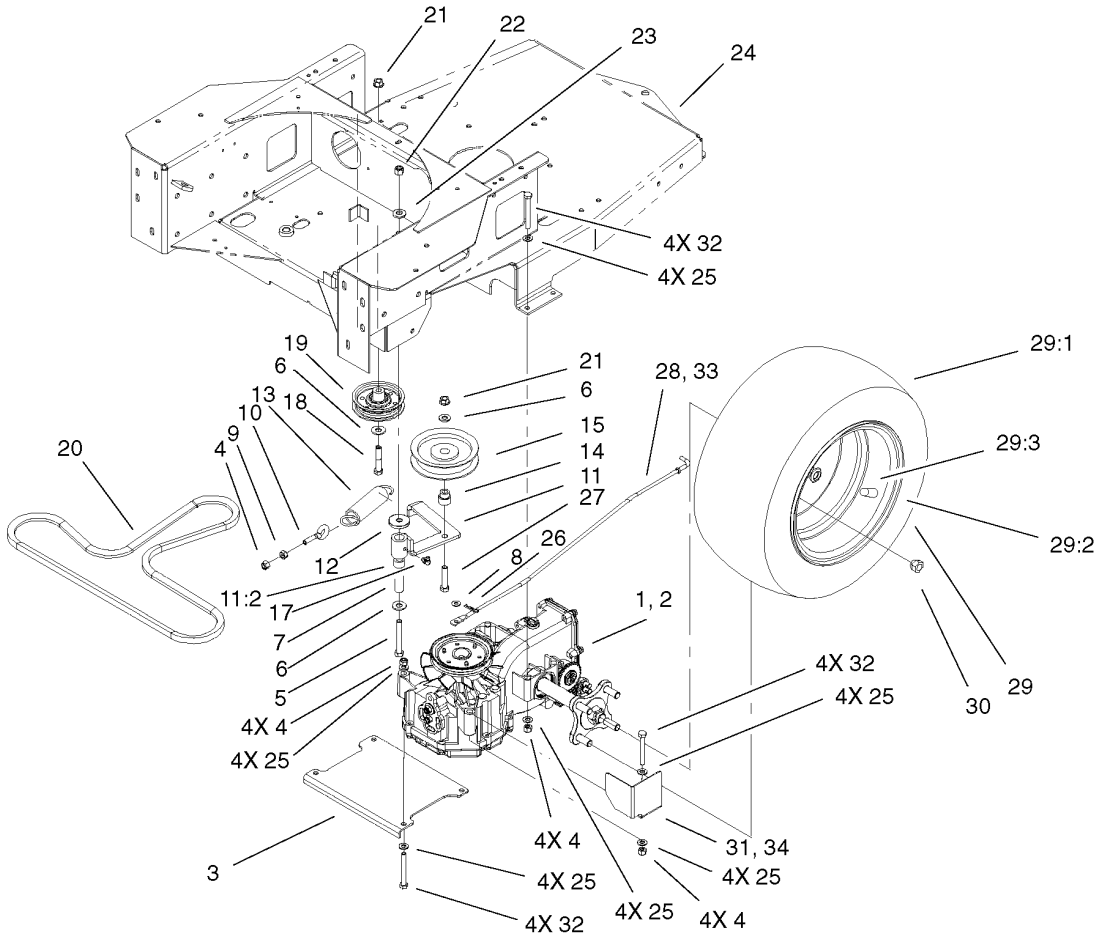
Ref	Part No.	Qty.	Description
25	3296-4	2	Nut-Lock



Motion Control Assembly

Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	1-653316	2	Pin-Damper
3	3256-23	10	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	103-2913	2	Damper-Control, Motion
6	1-633102	4	Bearing-Flange, Side
7	100-7341	1	Bracket-Motion Control, LH
8	100-7340	1	Bracket-Motion Control, RH
9	3296-4	2	Nut-Lock
10	1-633257	2	Grip-Control, Motion
11	323-9	2	Screw-HH
12	32128-20	10	Nut-HF
13	100-7311	2	Pivot ASM
14	100-7313	2	Pivot Plate ASM
15	1-603735	2	Bushing-Flanged
16	1-603807	2	Spring-Return, Neutral
17	3256-2	2	Washer-Flat
18	3220-2	2	Nut-Jam
19	1-303105	2	Yoke-Adjustable
20	1-808280	2	Pin-Clevis
21	3272-5	2	Pin-Cotter
22	3290-357	6	Nut-HHF, Whiz
23	103-0409-03	1	Lever-Control, LH
24	103-0410-03	1	Lever-Control, RH

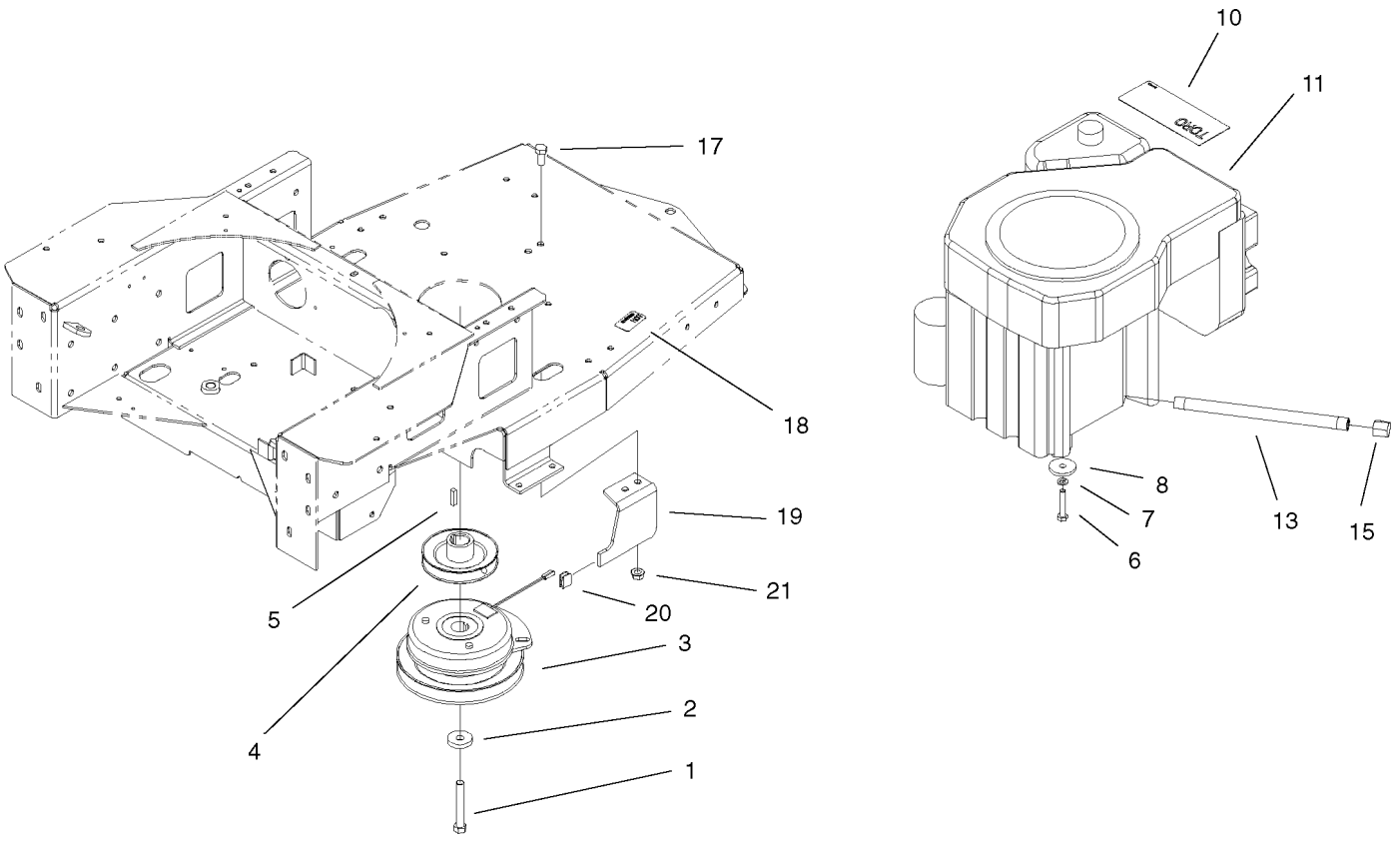
Ref	Part No.	Qty.	Description
25	103-0407	2	Arm-Shaft, Control
26	323-6	4	Screw-HH
27	98-5975	4	Washer-Belleville
28	3296-39	2	Nut-Lock, NI
29	323-4	6	Screw-HH
30	322-5	8	Screw-HH
31	3219-2	4	Nut-Hex
32	1-543017	6	Balljoint-RH
33	1-633152	2	Balljoint-LH
34	1-804524	2	Nut
35	1-603737	2	Bolt-Return, Neutral
36	100-7336	2	Washer
37	933156	2	Pin-Roll
38	302-11	2	Fitting-Lube, 45 DEG
39	104-3606	1	Linkage-Lower, RH
40	104-3607	1	Linkage-Lower, LH
41	104-3605	2	Linkage-Upper
42	32128-25	6	Nut-HF



Hydro and Belt Drive Assembly

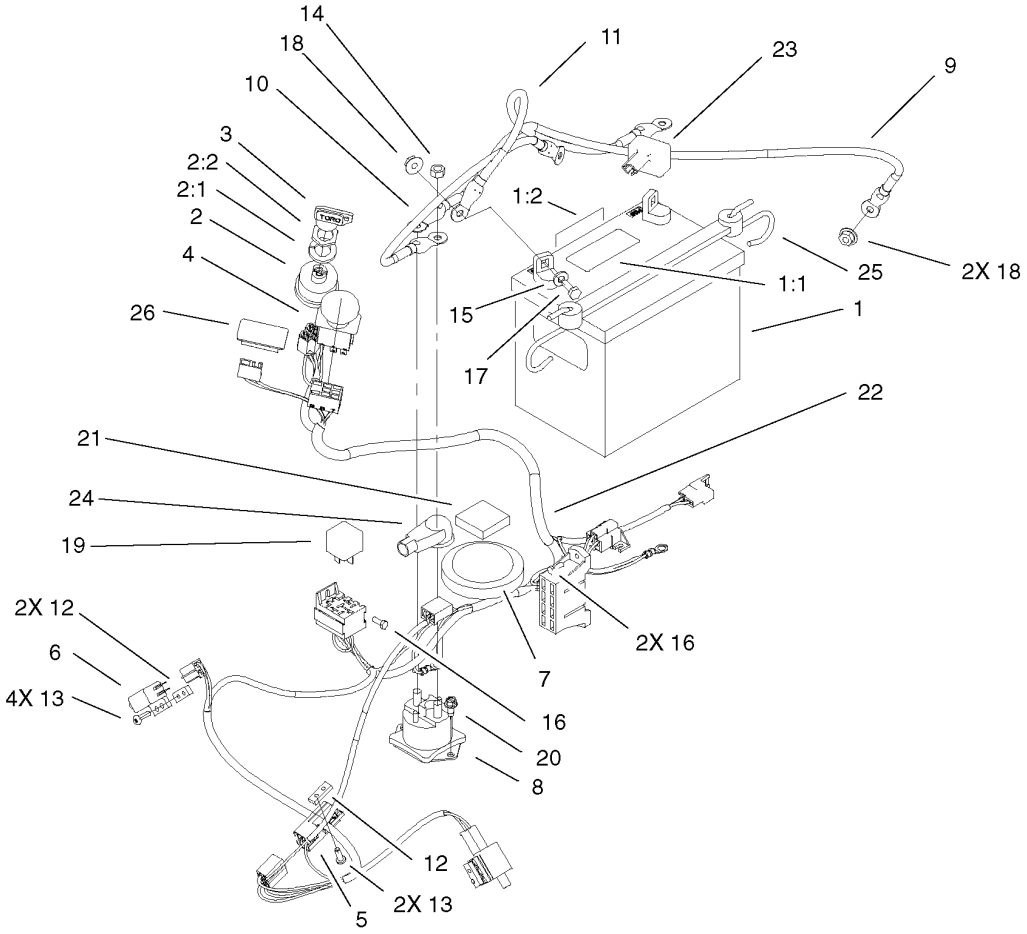
Ref	Part No.	Qty.	Description
1	100-7361	1	Hydro-LH
2	100-7360	1	Hydro-RH
3	100-7317-03	1	Plate-Hydro, Lower
4	3296-29	13	Nut-Lock, NI
5	323-13	1	Screw-HH
6	3256-4	3	Washer-Flat
7	1-603044	1	Bushing
8	3256-1	2	Washer-Flat
9	32128-20	1	Nut-HF
10	55-9420	1	Bolt-Eye
11	104-3614	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	104-8005	1	Spacer
13	1-603414	1	Spring-Extension
14	1-603496	1	Bushing-Idler
15	1-603843	1	Pulley-Idler
17	302-40	1	Fitting-Grease
18	323-10	1	Screw-HH
19	104-3630	1	Pulley-Idler
20	104-3622	1	Belt-V
21	32128-21	2	Nut-HF
22	3296-39	1	Nut-Lock, NI
23	98-5975	1	Washer-Belleville
24	104-8008	1	Decal-Transport

Ref	Part No.	Qty.	Description
25	3256-23	24	Washer-Flat
26	1-806003	2	Pin-Hair
27	323-9	1	Screw-HH
28	104-3669	1	Rod-LH
❷29		2	Wheel And Tire ASM
29:1	105-1945	1	Tire
29:2	105-1947	1	Wheel
29:3	232-27	1	Stem-Valve
30	242-50	8	Nut-Lug
31	104-8013-03	1	Guard-Fan, RH
32	322-13	12	Screw-HH
33	104-3668	1	Rod-RH
34	104-8033-03	1	Guard-Fan, LH



Engine and Clutch Assembly

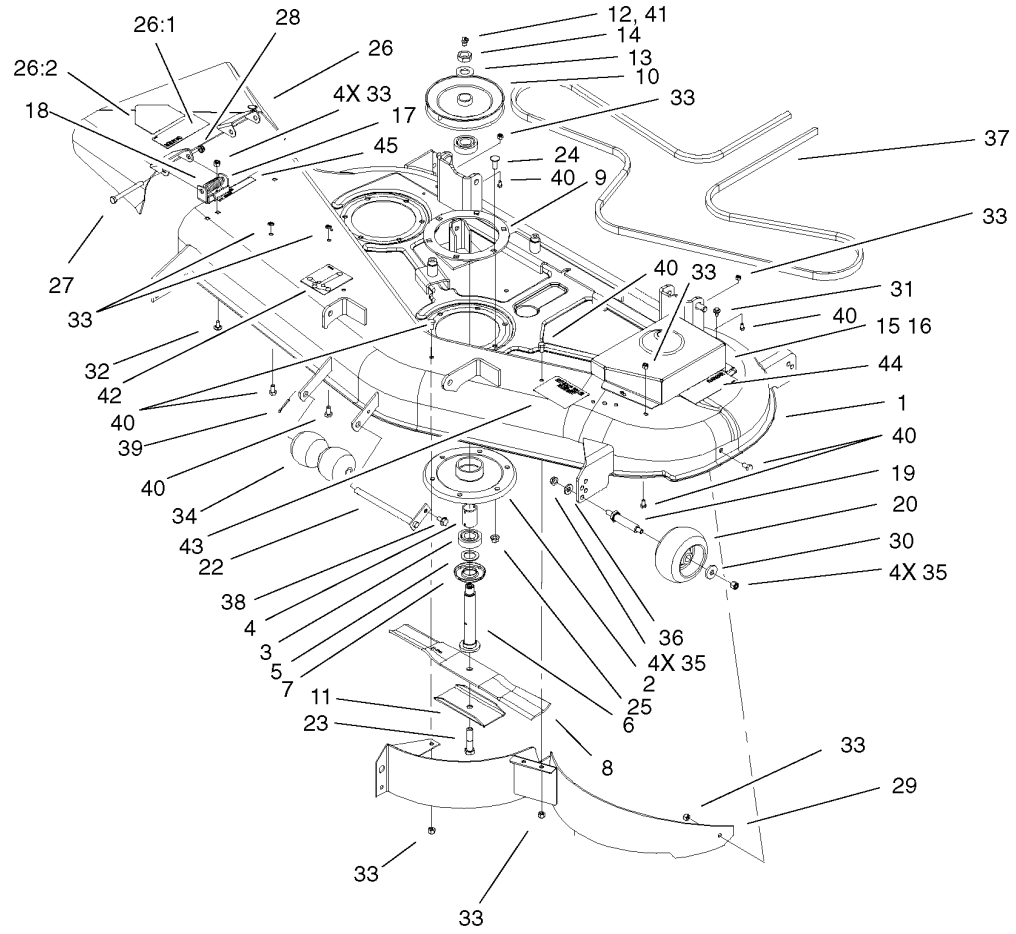
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	112843	1	Washer
3	104-3624	1	Clutch
4	100-7314	1	Pump Drive Pulley ASM
5	5-7280	1	Key
6	33114-030	4	Screw-HH
7	3253-4	4	Washer-Lock
8	62-7190	4	Spacer-Steel
10	104-8020	1	Decal-Engine Kohler
❷❸11		1	Engine-Kohler, Cv490-27503
13	104-8018	1	Nipple-Pipe
15	288-10	1	Cap-Pipe
17	323-4	2	Screw-HH
18	65-2690	1	Decal-Surface, Hot
19	104-3613-03	1	Stop-Clutch
20	98-5023	1	Bumper
21	32128-21	2	Nut-HF



Electrical Assembly

Ref	Part No.	Qty.	Description
1	104-2491	1	Battery
1:1	104-4163	1	Decal-Battery
1:2	104-5091	1	Decal-Battery
2	88-9830	1	Key Switch ASM
2:1	3254-5	1	Washer-Tooth
2:2	218-461	1	Nut-HH
3	63-8360	1	Key-Ignition
4	95-7489	1	Switch-PTO
5	1-633111	1	Switch
6	65-7410	2	Switch-Pole, Single
7	100-3524	1	Switch-Seat
8	28-4210	1	Solenoid
9	28-3891	1	Wire-Solenoid/Starter
10	93-1189	1	Wire ASM
11	93-0324	1	Cable
12	1-633181	3	Plate-Tapped
13	32144-8	6	Screw-PPHTF
14	32149-1	2	Nut-Keps
15	3256-22	2	Washer-Flat
16	32144-1	3	Screw-Taptite
17	321-4	2	Screw-HH
18	32128-33	3	Nut-HF
19	98-7249	1	Relay
20	32144-4	2	Screw-HWH

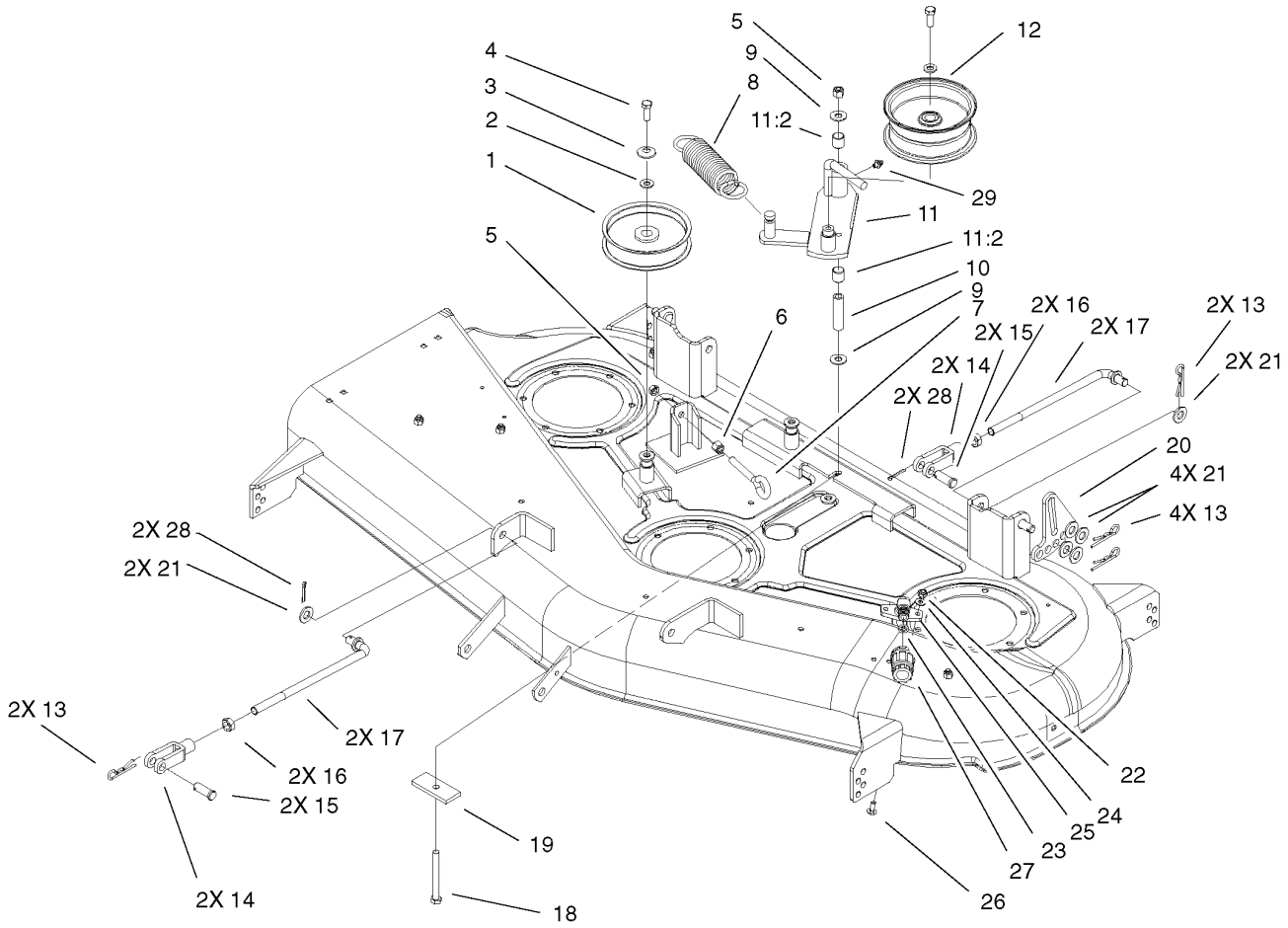
Ref	Part No.	Qty.	Description
21	104-2488	1	Foam-Switch, Seat
22	104-3686	1	Harness-Wire Kohler
23	28-8080	1	Boot-Terminal
24	93-3190	1	Boot-Insulator, Terminal
25	104-2466	1	Holddown-Battery
26	99-7420	1	Plug-Hole



Deck Assembly

Ref	Part No.	Qty.	Description
1	105-1949	1	Deck ASM
2	79-2480-03	3	Housing-Spindle
3	113514	6	Bearing-Ball
4	79-1890	3	Spacer-Bearing
5	120860	3	Washer-Wheel
6	79-1910	3	Shaft-Spindle
7	79-1920	3	Shield-Bearing
8	27-0990-03	3	Blade-18 Inch
9	27-7680-01	3	Ring-Deck Support
10	100-7320	3	Pulley/Hub ASM
11	92-9820	3	Stiffener-Blade
12	302-2	2	Fitting-Grease
13	3256-28	3	Washer-Flat
14	3220-7	3	Nut-Jam
15	104-3685-01	1	Cover-Belt, LH
16	104-3684-01	1	Cover-Belt, RH
17	29-5590-03	2	Bracket-Pivot
18	40-6230	2	Spring
19	99-2842	4	Spacer
20	68-2730	4	Wheel-Gage
22	98-5030	1	Shaft ASM
23	44-2200	3	Screw-Blade
24	3231-22	18	Screw-CARR
25	32128-21	18	Nut-HF

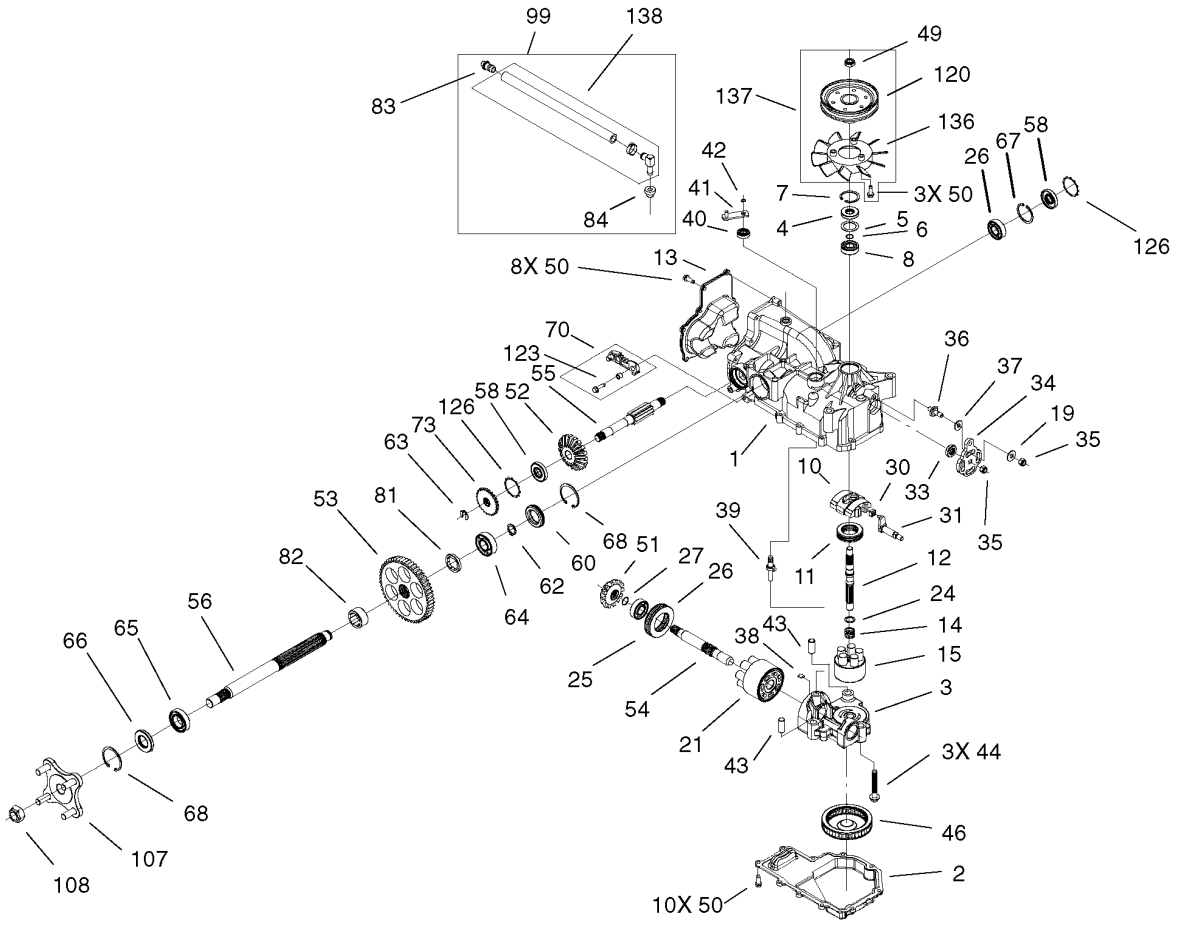
Ref	Part No.	Qty.	Description
26	94-1580	1	Deflector ASM
26:1	92-7108	1	Decal-Danger
26:2	93-1122	1	Decal-Danger
27	3211-15	2	Screw-HH
28	3296-5	2	Nut-Lock
29	94-2509-03	1	Baffle-Mulch, LH
30	1-373034	4	Washer
31	46-8560	5	Screw-HHF
32	3230-18	4	Screw-CARR
33	3296-29	12	Nut-Lock, NI
34	29-4820	2	Roller
35	3290-357	8	Nut-HHF, Whiz
36	98-5975	4	Washer-Belleville
37	99-3904	1	Belt-Deck
38	32144-14	1	Screw-HWHTF
39	3272-11	1	Pin-Cotter
40	322-2	8	Screw-HH
41	302-33	1	Fitting-Grease
42	99-3943	1	Decal-Routing, Belt
43	98-3798	1	Decal-Wheel, Gage
44	92-7108	2	Decal-Danger
45	92-7109	1	Decal-Caution



Deck Belt Drive and Lift Assembly

Ref	Part No.	Qty.	Description
1	1-613098	2	Pulley-Idler
2	3256-24	3	Washer-Flat
3	98-5975	3	Washer-Belleville
4	323-6	3	Screw-HH
5	3296-39	2	Nut-Lock, NI
6	3217-7	1	Nut-Hex
7	94-2547	1	Bolt-Eye
8	1-633151	1	Spring-Extension
9	1-809107	2	Washer-Hardened
10	1-603384	1	Bushing-Pivot, Idler
11	99-3879	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	1-413099	1	Pulley-Idler
13	1-806005	8	Pin-Hair
14	100-7338	4	Clevis
15	104-3634	4	Pin-Clevis
16	3220-5	4	Nut-Jam
17	104-8047	4	Rod-Trunion
18	1-800805	1	Screw-HH
19	99-3946	1	Plate-Bolt Retainer
20	104-3699-01	2	Link-HOC, Adjusting
21	3256-26	12	Washer-Flat
22	3296-16	2	Nut-Lock, NI
23	46-6290	1	O-Ring

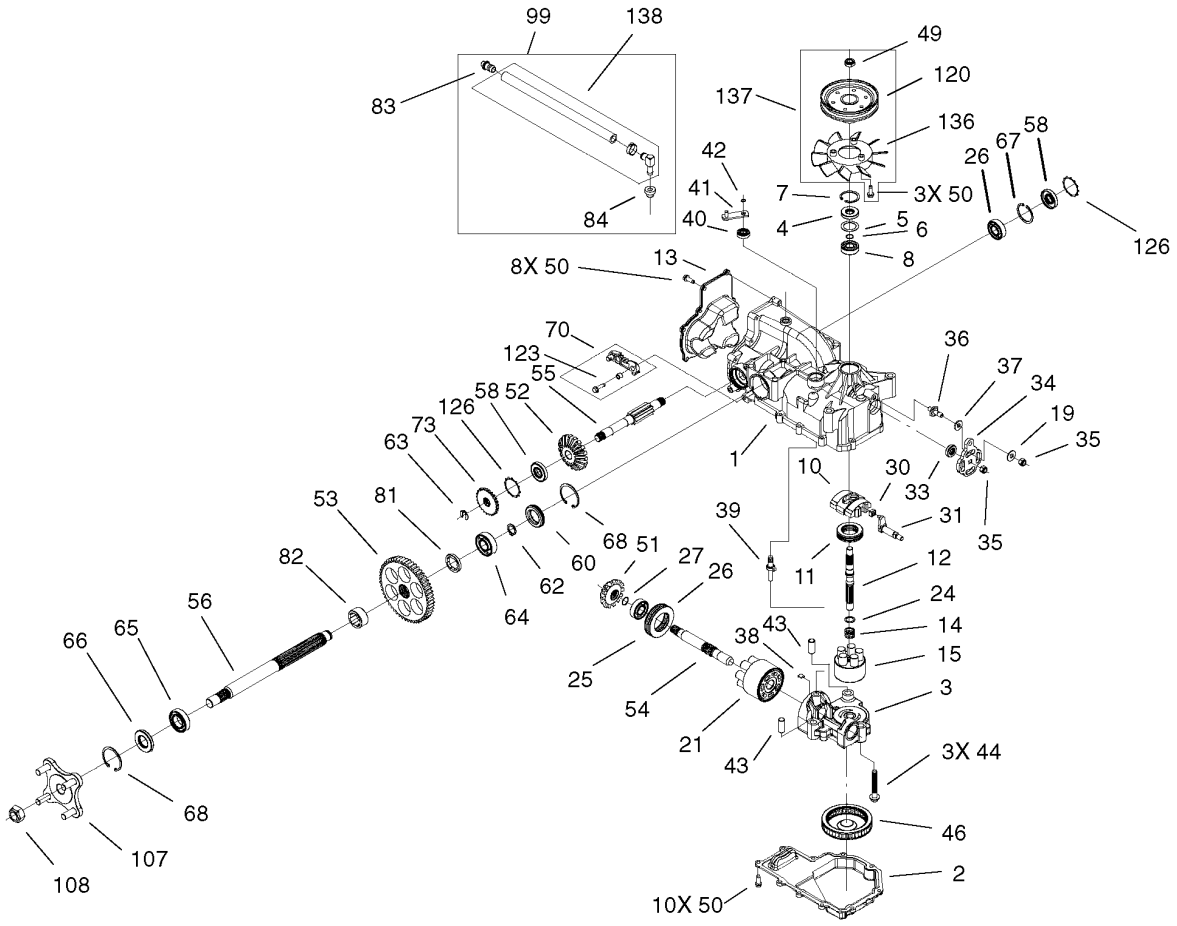
Ref	Part No.	Qty.	Description
24	3256-1	2	Washer-Flat
25	95-2747	1	Fitting-Washout
26	3229-1	2	Screw-CARR
27	95-3270	1	Connector-Hose
28	3272-10	4	Pin-Cotter
29	302-19	1	Fitting-Grease



Right Hand Hydro Transaxle Assembly No. 100-7360

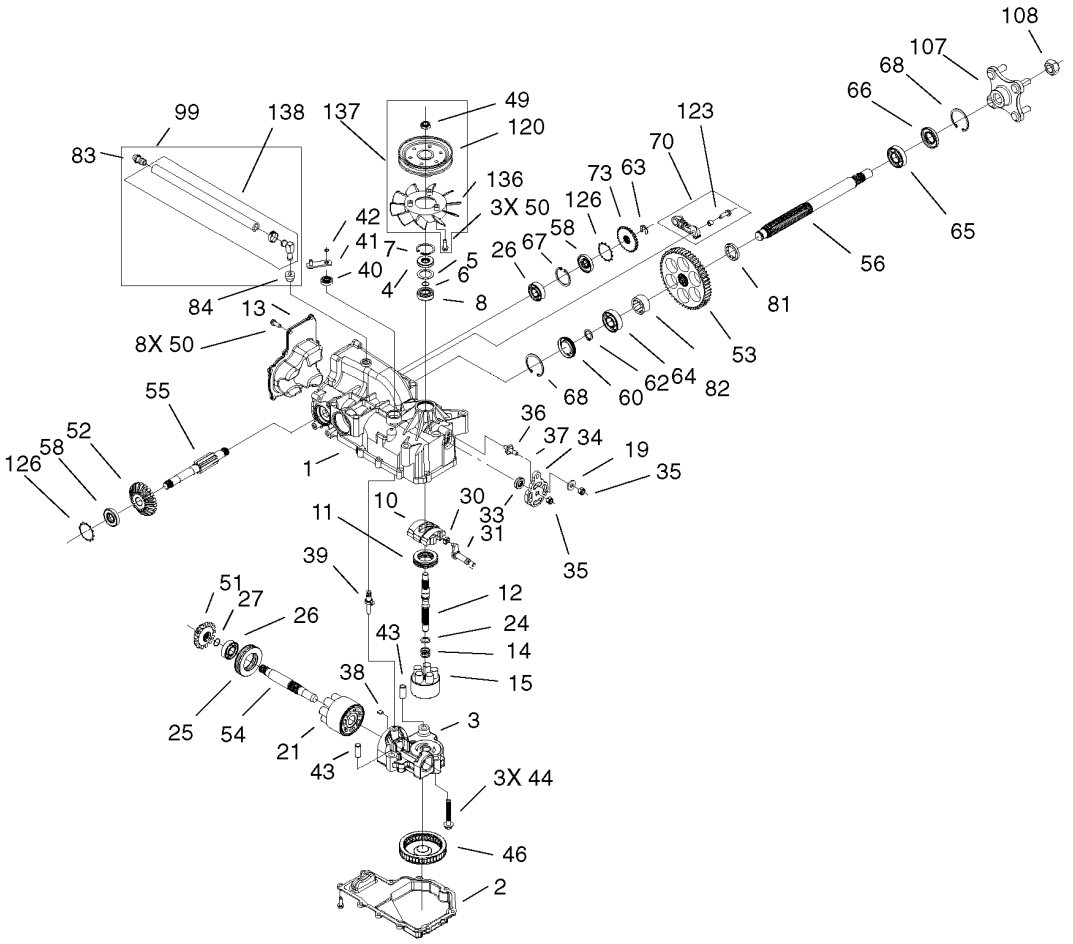
Ref	Part No.	Qty.	Description
1	105-1867	1	Main Housing Kit
2	105-1868	1	Housing-Lower
3	105-1869	1	Center Section Kit ASM
4	92-6543	1	Seal-Lip
5	104-2104	1	Spacer
6	94-1902	1	Ring-Wire, Retaining
7	94-1903	1	Ring-Retaining
8	94-1904	1	Bearing-Shaft, Ball
10	94-1907	1	Swashplate-Variable
11	94-6922	1	Bearing-Thrust
12	104-5067	1	Shaft-Input
13	105-1870	1	Cover-Back
14	94-1936	1	Spring-Block
15	104-2106	1	Cylinder Block ASM
19	104-2146	1	Washer
21	94-1913	1	Cylinder Block ASM
24	94-1937	1	Washer-Thrust, Block
25	94-6923	1	Bearing-Thrust
26	104-5311	2	Bearing-Ball
27	104-5307	1	Ring-Retaining
30	94-1910	1	Guide-Slot
31	104-2112	1	Trunnion ASM
33	92-6544	1	Seal-Lip
34	105-1871	1	Arm-Control

Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
50	104-2120	21	Screw
51	105-1876	1	Gear-Bevel, 14T
52	105-1877	1	Gear-Bevel, 19T
53	105-1878	1	Gear-Bevel, 53T
54	105-1879	1	Shaft-Motor
55	105-1880	1	Shaft-Brake
56	105-1881	1	Shaft-Axle
58	104-5310	2	Seal-Lip
60	105-1882	1	Plug-Side Seal
62	105-1883	1	Ring-Axle, Retaining
63	105-1884	1	Ring-Retaining
64	105-1885	1	Bearing-Ball



Right Hand Hydro Transaxle Assembly No. 100-7360 (continued)

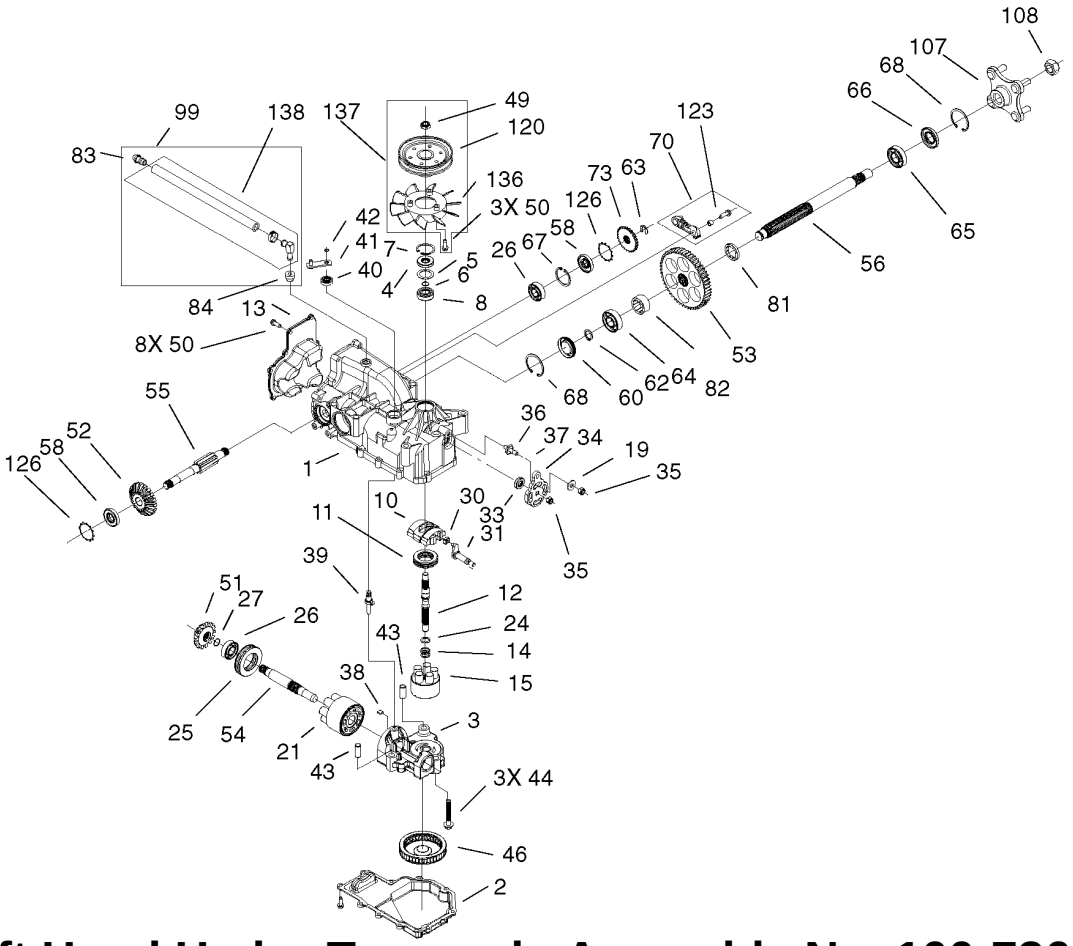
Ref	Part No.	Qty.	Description
65	105-1886	1	Bearing-Ball
66	105-1887	1	Seal
67	104-5309	1	Ring-Retaining
68	105-1888	2	Ring-Retaining, Axle
70	105-1889	1	LH Brake Arm ASM
73	105-1890	1	Disc-Brake
81	105-1891	1	Bushing-Axle
82	105-1892	1	Bushing-Axle
83	104-2167	1	Vent Cap ASM
84	104-2165	1	Bushing-Rubber
99	105-1893	1	Kit-Breather
100	104-2147	1	Sealant
107	105-1894	1	Hub ASM
108	105-1895	1	Nut
120	105-1896	1	Pulley
123	105-1897	1	Screw
126	105-1898	2	Ring-Retaining
134	105-1899	1	Seal Kit
136	105-1927	1	Fan
137	105-1928	1	Fan Pulley Kit
138	105-1929	1	Kit-Hose



Left Hand Hydro Transaxle Assembly No. 100-7361

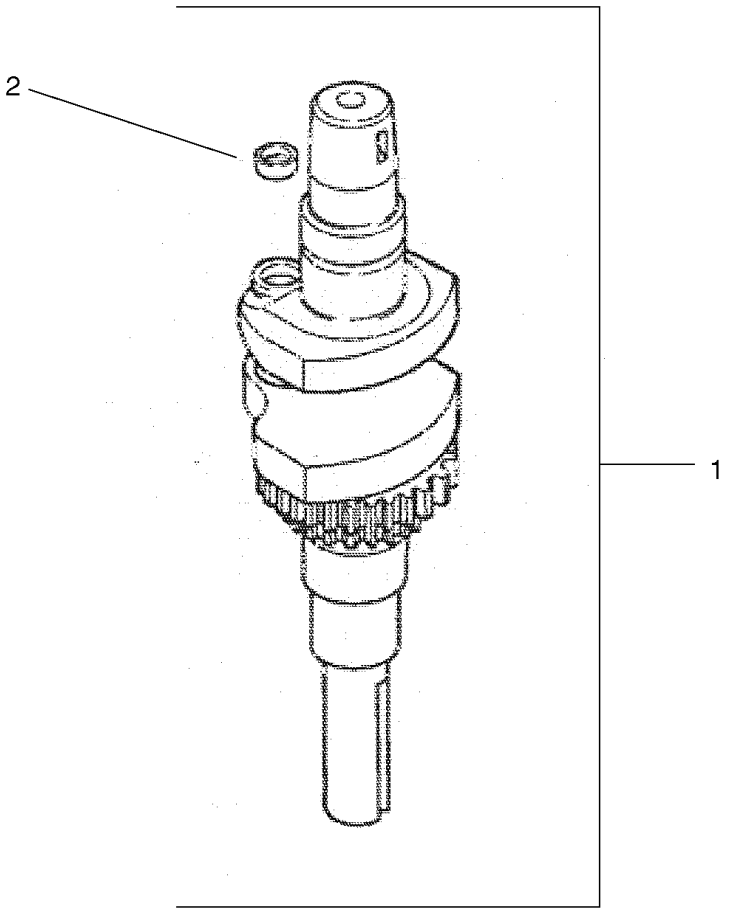
Ref	Part No.	Qty.	Description
1	105-1867	1	Main Housing Kit
2	105-1868	1	Housing-Lower
3	105-1869	1	Center Section Kit ASM
4	92-6543	1	Seal-Lip
5	104-2104	1	Spacer
6	94-1902	1	Ring-Wire, Retaining
7	94-1903	1	Ring-Retaining
8	94-1904	1	Bearing-Shaft, Ball
10	94-1907	1	Swashplate-Variable
11	94-6922	1	Bearing-Thrust
12	104-5067	1	Shaft-Input
13	105-1870	1	Cover-Back
14	94-1936	1	Spring-Block
15	104-2106	1	Cylinder Block ASM
19	104-2146	1	Washer
21	94-1913	1	Cylinder Block ASM
24	94-1937	1	Washer-Thrust, Block
25	94-6923	1	Bearing-Thrust
26	104-5311	2	Bearing-Ball
27	104-5307	1	Ring-Retaining
30	94-1910	1	Guide-Slot
31	104-2112	1	Trunnion ASM
33	92-6544	1	Seal-Lip
34	105-1871	1	Arm-Control

Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
50	104-2120	21	Screw
51	105-1876	1	Gear-Bevel, 14T
52	105-1877	1	Gear-Bevel, 19T
53	105-1878	1	Gear-Bevel, 53T
54	105-1879	1	Shaft-Motor
55	105-1880	1	Shaft-Brake
56	105-1881	1	Shaft-Axle
58	104-5310	2	Seal-Lip
60	105-1882	1	Plug-Side Seal
62	105-1883	1	Ring-Axle, Retaining
63	105-1884	1	Ring-Retaining
64	105-1885	1	Bearing-Ball



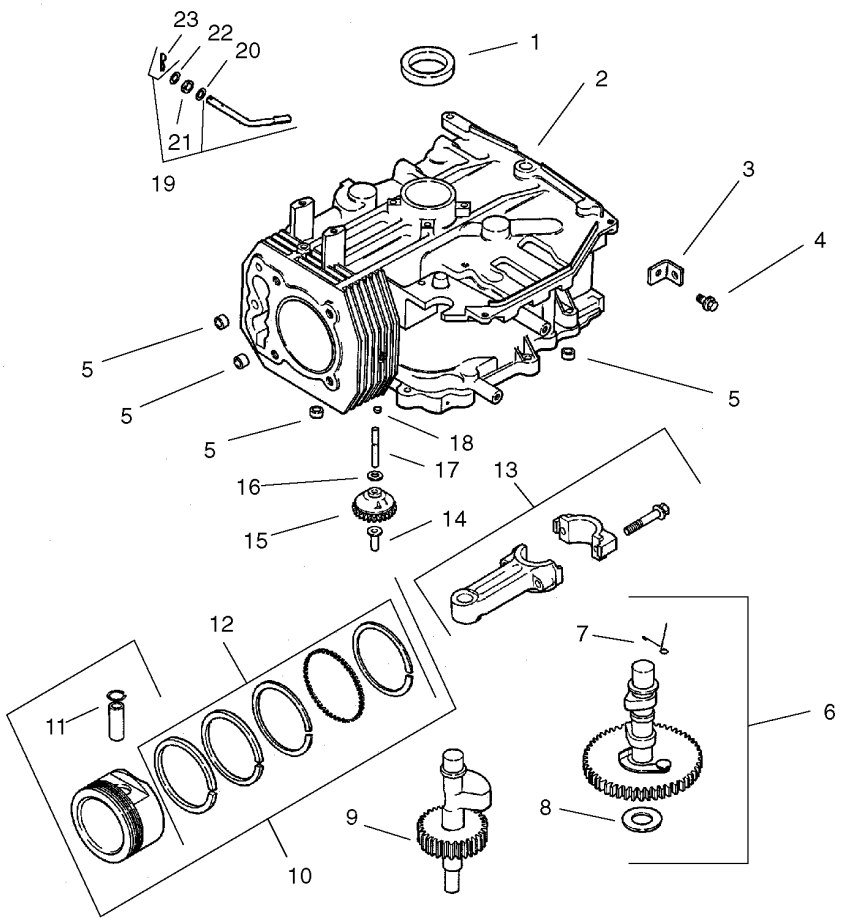
Left Hand Hydro Transaxle Assembly No. 100-7361 (continued)

Ref	Part No.	Qty.	Description
65	105-1886	1	Bearing-Ball
66	105-1887	1	Seal
67	104-5309	1	Ring-Retaining
68	105-1888	2	Ring-Retaining, Axle
70	105-1889	1	LH Brake Arm ASM
73	105-1890	1	Disc-Brake
81	105-1891	1	Bushing-Axle
82	105-1892	1	Bushing-Axle
83	104-2167	1	Vent Cap ASM
84	104-2165	1	Bushing-Rubber
99	105-1893	1	Kit-Breather
100	104-2147	1	Sealant
107	105-1894	1	Hub ASM
108	105-1895	1	Nut
120	105-1896	1	Pulley
123	105-1897	1	Screw
126	105-1898	2	Ring-Retaining
134	105-1899	1	Seal Kit
136	105-1927	1	Fan
137	105-1928	1	Fan Pulley Kit
138	105-1929	1	Kit-Hose



Crankshaft Assembly
Kohler CV 490-27503

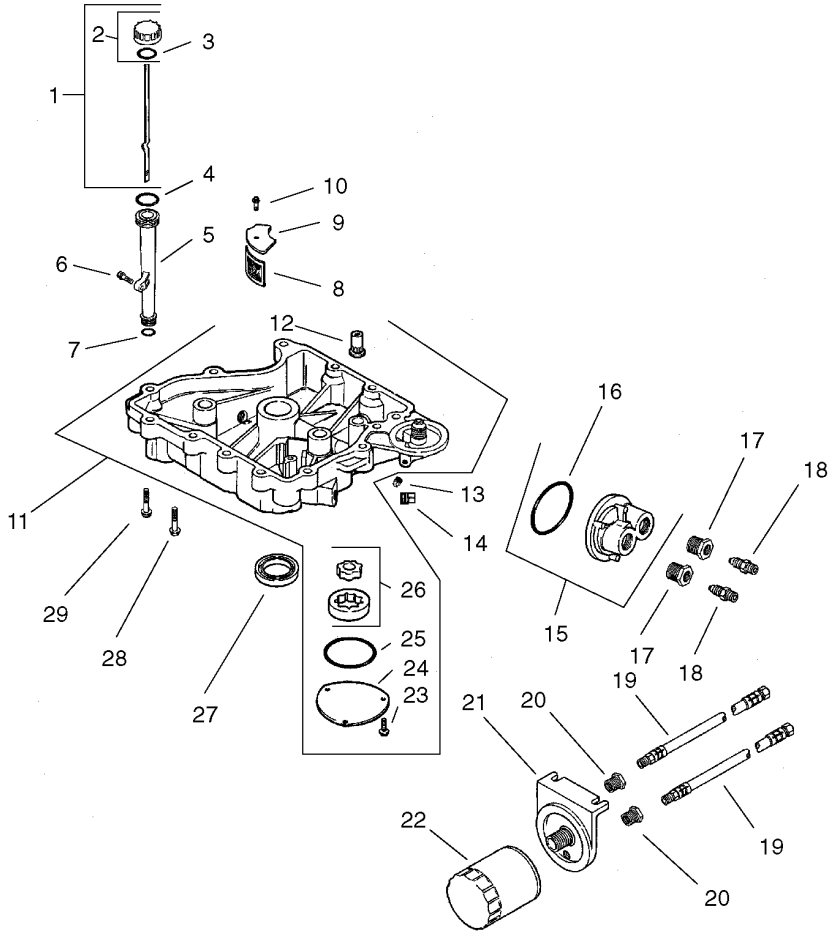
Ref	Part No.	Qty.	Description
❸1	12 014 57-S	1	Crankshaft (Includes 2)
❸2	25 139 27-S	1	Plug-Cup



Crankcase Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	12 032 03-S	1	Seal-Oil
❸2		0	Block, Cylinder (Use:short Block 12 522 51)
❸3	12 445 02-S	1	Strap-Lifting
❸4	M-839025-S	1	Screw-HF (M8X1.25X25)
❸5	24 380 13-S	1	Pin-Locating
❸6	12 755 49-S	1	Kit, Camshaft (Includes 7, 8)
❸7	12 089 31-S	1	Spring-Actuating
❸8	12 422 08-S	1	Shim-Camshaft (Blue .03)
❸	12 422 09-S	1	Shim-Camshaft (Red .032)
❸	12 422 10-S	1	Shim-Camshaft (Yellow .034)
❸	12 422 11-S	1	Shim-Camshaft (Green .036)
❸	12 422 12-S	1	Shim-Camshaft (Gray .038)
❸	12 422 13-S	1	Shim-Camshaft (Black .04)
❸	12 422 07-S	1	Shim-Camshaft (White .028)
❸9	12 144 28-S	1	Shaft-Balance
❸10	12 874 07-S	1	Piston W/Ring Set (STD.)(Includes 11, 12)
❸	12 874 08-S	1	Piston W/Ring Set (.25)
❸	12 874 09-S	1	Piston W/Ring Set (.50)
❸	12 874 11-S	1	Piston W/Ring Set (.08)
❸11	12 018 02-S	1	Retainer-Pin, Piston
❸12	12 108 07-S	1	Ring Set (STD. And .08)
❸	12 108 08-S	1	Ring Set (.25)

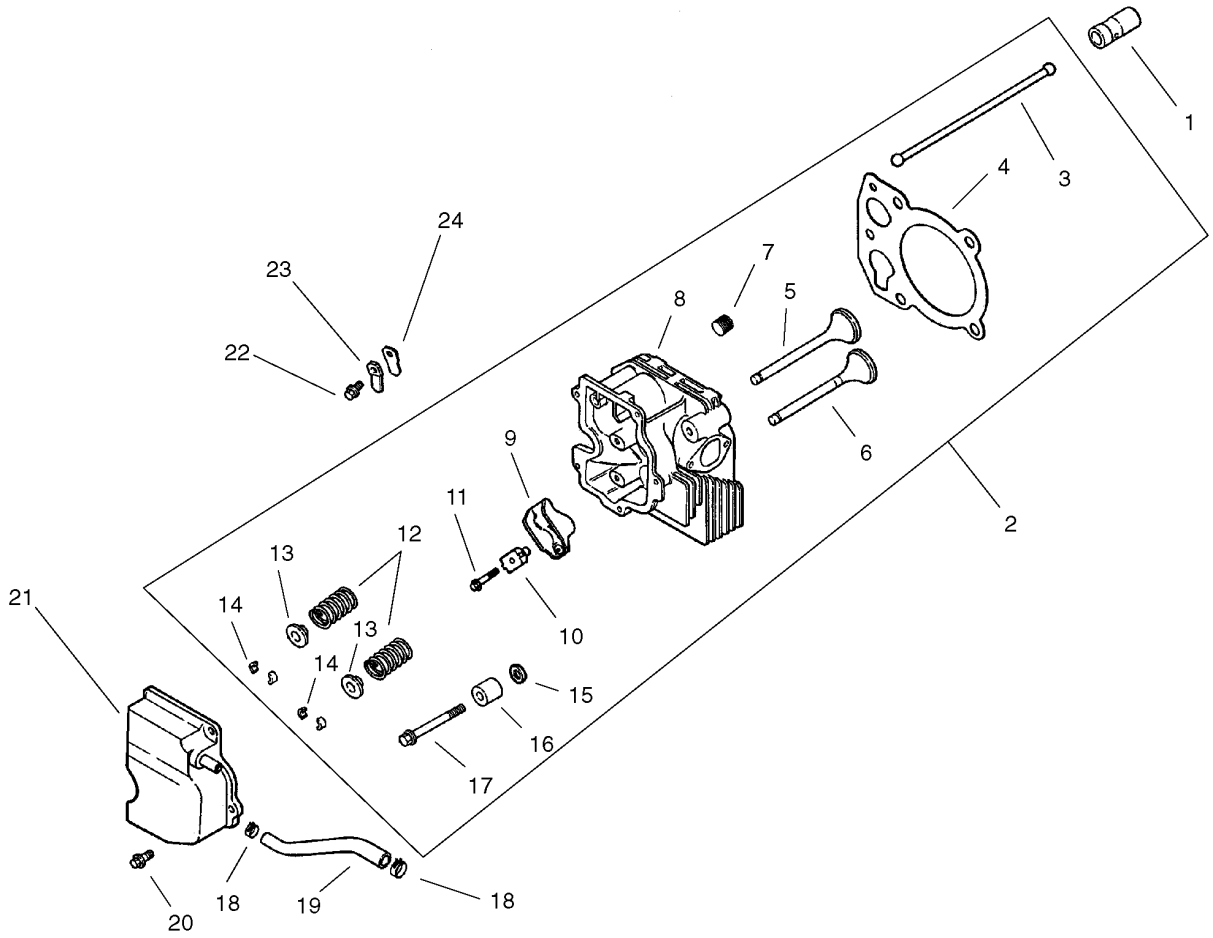
Ref	Part No.	Qty.	Description
❸	12 108 09-S	1	Ring Set (.50)
❸13	12 067 11-S	1	Rod-Connecting (STD)
❸	12 067 06-S	1	Rod-Connecting (.25)
❸14	12 380 01-S	1	Pin-Regulating, Governor
❸15	12 043 05-S	1	Gear-Governor
❸16	M-631005-S	1	Washer-Flat (6 Mm)
❸17	12 144 02-S	1	Shaft-Gear, Governor
❸18	52 139 09-S	1	Plug-Cup
❸19	12 755 64-S	1	Kit, Governor Cross Shaft W/Clip (Includes 23)
❸20	X-25-102-S	1	Washer-Flat (1/4)
❸21	12 032 01-S	1	Seal-Cross Shaft, Governor
❸22	M-631015-S	1	Washer-Flat (6Mm)
❸23	12 154 05-S	1	Clip-Pin, Hitch



Oil Pan / Lubrication Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	12 038 02-S	1	Dipstick (Includes 2, 3)
❸2	24 755 46-S	1	Kit, Oil Fill Cap (Includes 3)
❸3	12 153 03-S	1	O-Ring
❸4	12 153 02-S	1	O-Ring
❸5	12 123 04-S	1	Oil Fill Tube Kit
❸6	M-545020-S	1	Screw-Flange, Thread Forming (M5X.8X20)
❸7	12 153 01-S	1	O-Ring
❸8	25 162 07-S	1	Screen-Pickup, Oil
❸9	12 096 03-S	1	Cover-Screen, Oil Pickup
❸10	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)
❸11	12 199 50-S	1	Pan, Oil (Includes 12, 23-26)
❸12	25 462 09-S	1	Valve-Relief, Oil Pressure
❸13	25 139 52-S	1	Plug-Pipe (1/8In)
❸14	25 139 57-S	1	Plug-Pipe, Sq HD (3/8)
❸15	24 029 02-S	1	Adapter, Oil Filter (Includes 16)
❸16	24 153 13-S	1	O-Ring
❸17	25 158 10-S	1	Bushing, Reducing 7/8X1/4X1/2 N.P.T.F.
❸18	52 136 02-S	1	Nipple-Metallic
❸	52 326 11-S	1	Hose, Oil (Red Tracer) (2) 1/8-27 N.P.T.F. Male Coupling, 1/4-18 N.P.S.M. Female Coupling X 23In Long

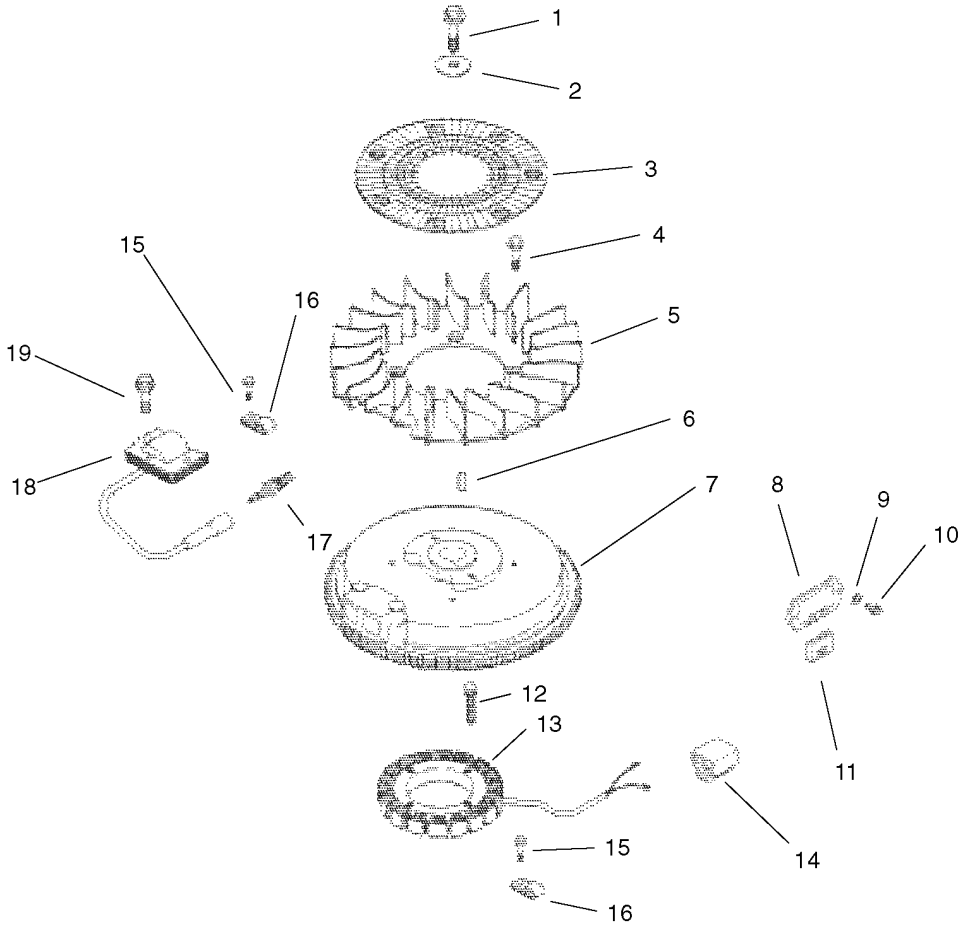
Ref	Part No.	Qty.	Description
❸20	25 158 15-S	1	Bushing, Reducing 1/8X1/4 N.P.T.F.
❸21	12 029 02-S	1	Adapter, Oil Filter
❸22	12 050 01-S	1	Filter-Oil
❸23	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)
❸24	12 096 34-S	1	Cover-Pump, Oil
❸25	12 153 06-S	1	O-Ring (Oil Pump Cover)
❸26	12 393 01-S	1	Oil Pump ASM
❸27	12 032 03-S	1	Seal-Oil
❸28	24 086 16-S	1	Screw-HF (M8X1.25X45)
❸29	24 086 17-S	1	Screw-Flange (M8X1.25X45)



Head / Valve / Breather Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	25 351 01-S	1	Lifter-Valve
❸	12 755 94-S	1	Kit, Cylinder Head (Includes 3-17, Carburetor Gasket (2), Air Cleaner Base Gasket, Exhaust Manifold Gasket)
❸3	12 411 03-S	1	Rod-Push
❸4	12 041 10-S	1	Gasket-Head, Cylinder
❸5	12 017 01-S	1	Valve-Intake (STD)
❸6	12 016 01-S	1	Valve-Exhaust (STD)
❸7	25 139 60-S	1	Plug-Pipe, Countersunk (1/8)
❸8	12 318 36-S	1	Cylinder Head
❸9	25 186 01-S	1	Arm-Rocker
❸10	12 599 03-S	1	Pivot-Arm, Rocker
❸11	M-640034-S	1	Screw-Flange (M6X1.0X34)
❸12	12 089 34-S	1	Spring-Valve
❸13	12 173 01-S	1	Cap-Spring, Valve
❸14	12 755 03-S	1	Retainer Kit
❸15	12 468 05-S	1	Washer-Flat (1/2)
❸16	12 112 13-S	1	Spacer-Head Bolt (Exhaust Port)
❸17	12 086 15-S	1	Screw, M10X1.5X81
❸18	25 237 14-S	1	Clamp-Hose, Spring (1/2)
❸19	12 326 03-S	1	Hose-Breather
❸20	M-645020-S	1	Screw-Flange, Thread Forming (M6X1.0X20)
❸21	12 096 07-S	1	Cover-Valve W/Nipple

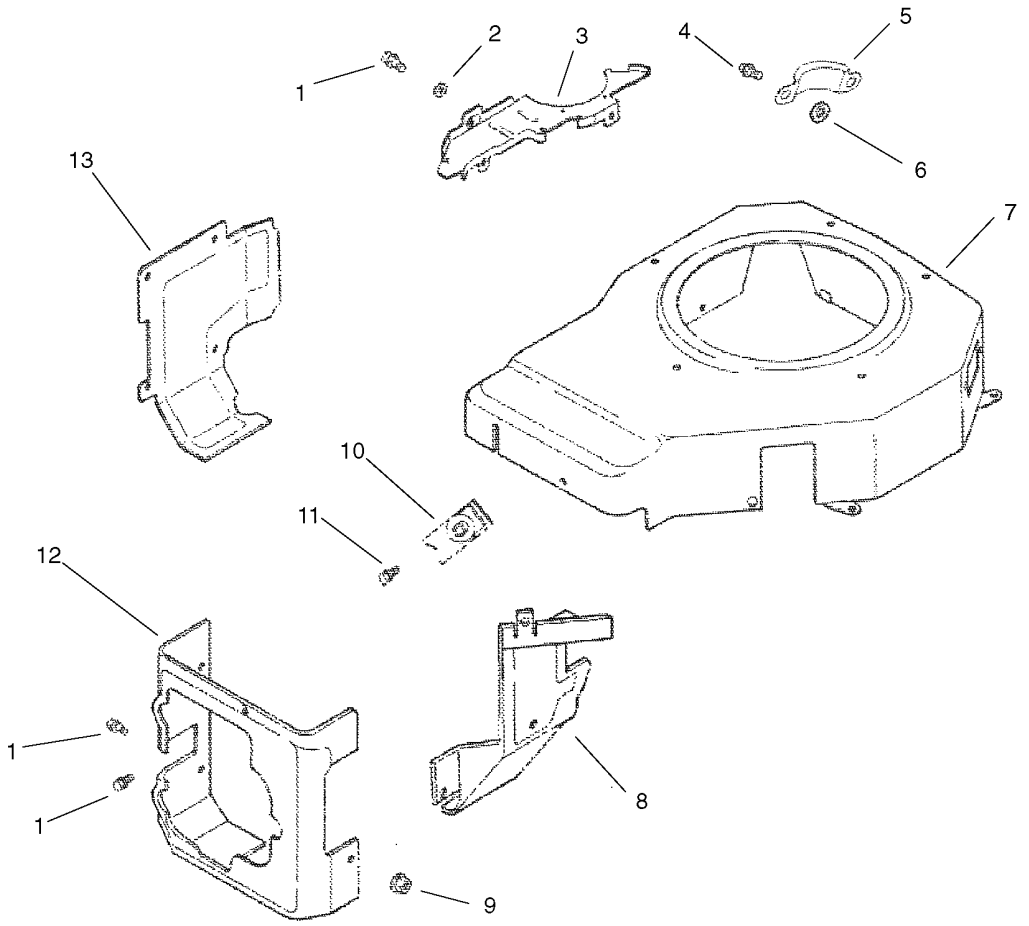
Ref	Part No.	Qty.	Description
❸22	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❸23	12 018 01-S	1	Retainer-Reed, Breather
❸24	12 402 02-S	1	Reed-Breather
❶❸	12 017 02-S	1	Valve-Intake (.25)
❶❸	12 016 02-S	1	Valve-Exhaust (.25)
❶❸	12 041 01-S	1	Gasket-Carburetor
❶❸	12 041 02-S	1	Gasket-Base, Air Cleaner
❶❸	12 041 03-S	1	Gasket-Manifold, Exhaust



Ignition / Electrical Assembly
Kohler CV 490-27503

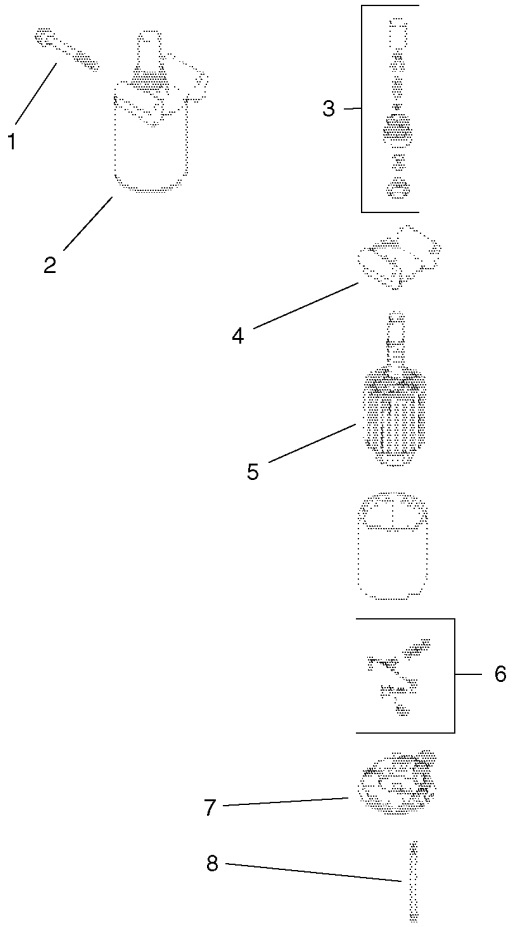
Ref	Part No.	Qty.	Description
❸1	12 086 14-S	1	Screw-Flange (M10X1.5X45)
❸2	12 468 03-S	1	Washer-Flat (13/32)
❸3	24 162 03-S	1	Screen-Grass
❸4	25 086 47-S	1	Bolt-Shoulder
❸5	12 157 06-S	1	Fan
❸6	X-42-15-S	1	Key (3/16 X 5/8)
❸7	12 025 15-S	1	Flywheel
❸8	41 403 09-S	1	Rectifier-Regulator
❸9	X-22-11-S	1	Washer-Lock, Internal Tooth (1/4)
❸10	M-639016-S	1	Screw-HF (M6X1.0X16)
❸11	236602-S	1	Connector (3 Contact)
❸12	M-548025-S	1	Screw-Thread Forming (M5X0.8X25)
❸13	237878-S	1	Kit, Stator (Includes Terminal 25 452 01-S)
❸14	48 155 01-S	1	Connector (5 Contact)
❸15	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❸16	X-728-1-S	1	Clip
❸17	12 132 02-S	1	Plug-Spark
❸18	12 584 04-S	1	Module-Ignition
❸19	M-545020-S	1	Screw-Flange, Thread Forming (M5X.8X20)
❶❸	25 518 05-S	1	Lead
❶❸	12 518 01-S	1	Lead

Ref	Part No.	Qty.	Description
❶❸	24 518 12-S	1	Lead-Black



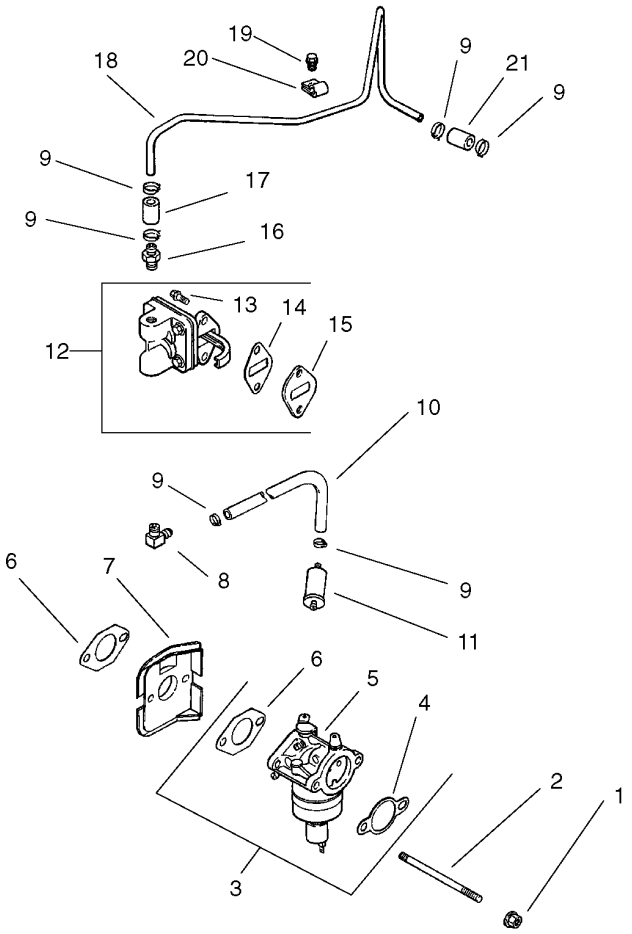
Blower Housing and Baffle Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❸2	24 468 10-S	1	Washer-Plain (1/4)
❸3	12 146 07-S	1	Plate-Housing, Blower
❸4	M-645016-S	1	Screw-Flange, Thread Forming (M6X1.0X16)
❸5	24 096 05-S	1	Cover-Pinion
❸6	220534-S	1	Washer Plain 5/16
❸7	12 027 55-S	1	Housing-Blower
❸8	12 063 18-S	1	Baffle (Intake Side)
❸9	M-541050-S	1	Nut-HF (M5X0.8)
❸10	25 154 02-S	1	Clip-Mounting
❸11	12 086 37-S	1	Screw-Washer, Captive (M5X0.8X20)
❸12	12 063 20-S	1	Baffle (Cylinder Head)
❸13	12 063 19-S	1	Baffle-Cylinder



Starting System Assembly
Kohler CV 490-27503

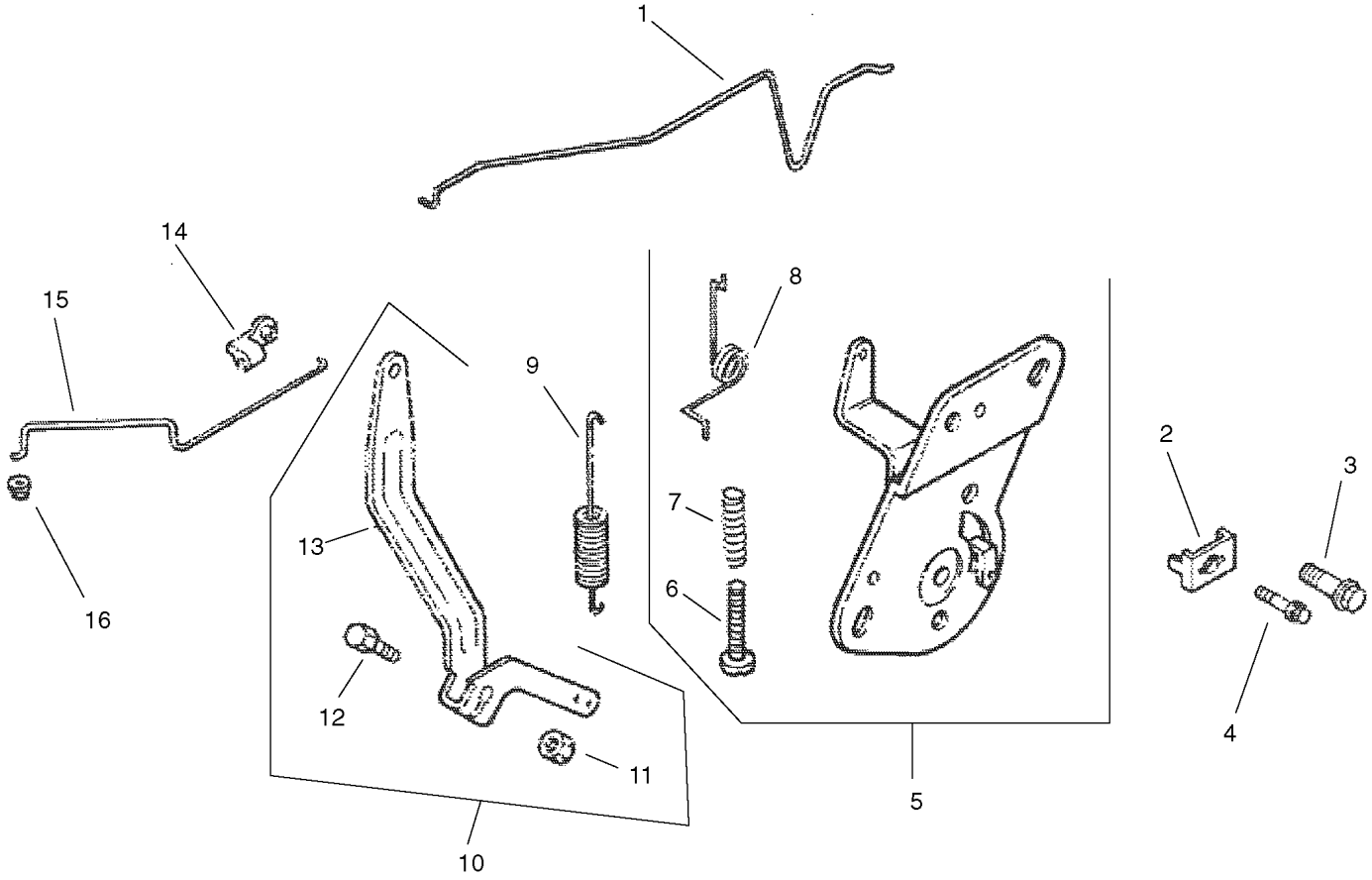
Ref	Part No.	Qty.	Description
❸1	M-839070-S	1	Screw-HF (M8X1.25X70)
❸2	12 098 15-S	1	Starter Assembly (Includes 3-8)
❸3	12 755 53-S	1	Drive Kit
❸4	12 227 19-S	1	Cap-End, Drive
❸5	12 170 05-S	1	Armature
❸6	12 221 01-S	1	Brush ASM
❸7	12 227 13-S	1	Commutator-Cap, End
❸8	12 211 01-S	1	Bolt



Fuel System Assembly
Kohler CV 490-27503

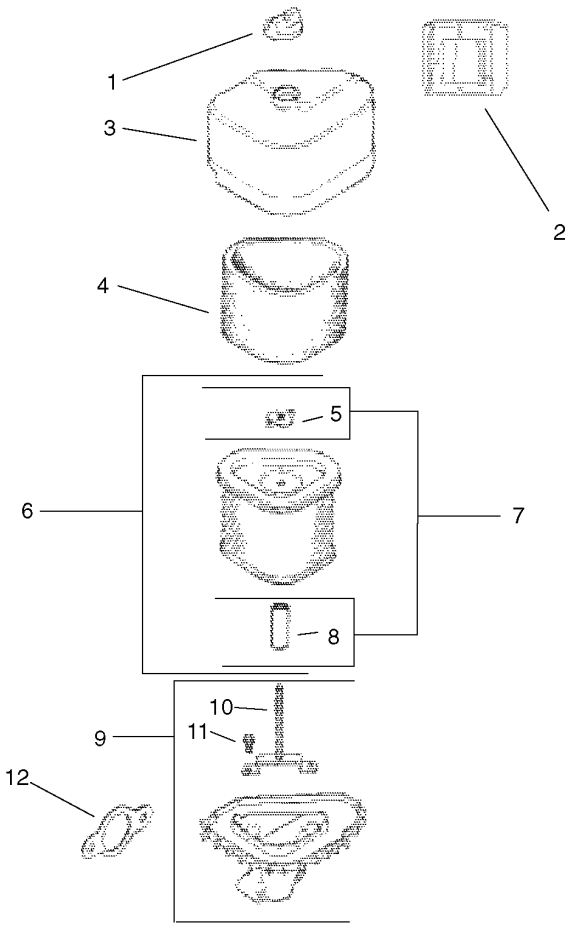
Ref	Part No.	Qty.	Description
❸1	M-641060-S	1	Nut-Flange (M6X1.0)
❸2	M-629116-S	1	Stud (M6X1.0X116)
❸3	12 853 117-S	1	Kit, Carburetor W/Gaskets (Includes 4, 5, 6 Qty. 1, Tie 12 454 03-S And Terminal25 452 20-S)
❸4	12 041 02-S	1	Gasket-Base, Air Cleaner
❸5	12 053 117	1	Carburetor Assembly (For Information Only Not Available Separately)(Service With Kits: 12 757 02-S, 12 757 03-S, 12 757 33-S)
❸6	12 041 01-S	1	Gasket-Carburetor
❸7	12 265 06-S	1	Deflector-Heat
❸8	25 155 02-S	1	Connector-Hose, 90 DEG
❸9	25 237 14-S	1	Clamp-Hose, Spring (1/2)
❸10	25 353 14-S	1	Line-Fuel, 7 Inch
❸11	25 050 02-S	1	Filter-Fuel
❸12	12 559 01-S	1	Kit, Fuel Pump (Includes 13-15)
❸13	M-645020-S	1	Screw-Flange, Thread Forming (M6X1.0X20)
❸14	25 041 09-S	1	Gasket-Pump, Fuel
❸15	12 112 05-S	1	Spacer-Pump, Fuel
❸16	25 326 03-S	1	Connector-Hose, Straight
❸17	12 353 01-S	1	Line-Fuel (1-1/4In)
❸18	12 123 19-S	1	Line-Fuel. Metal

Ref	Part No.	Qty.	Description
❸19	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❸20	12 154 01-S	1	Clamp-Insulated
❸21	41 353 18-S	1	Line-Fuel (2-1/2In)
❶❸	12 757 02-S	1	Float Repair Kit
❶❸	12 757 03-S	1	Carburetor Repair Kit
❶❸	12 757 33-S	1	Solenoid Repair Kit
❶❸	12 518 24-S	1	Lead-Red (20In-18 Gauge-Insulated Socket And Uninsulated Push On Tab Terminals)
❶❸	12 454 03-S	1	Tie-Wire
❶❸	M-561010-S	1	Screw-HWHTF (M5X0.8X10)
❸	X-22-11-S	1	Washer-Lock, Internal Tooth (1/4)



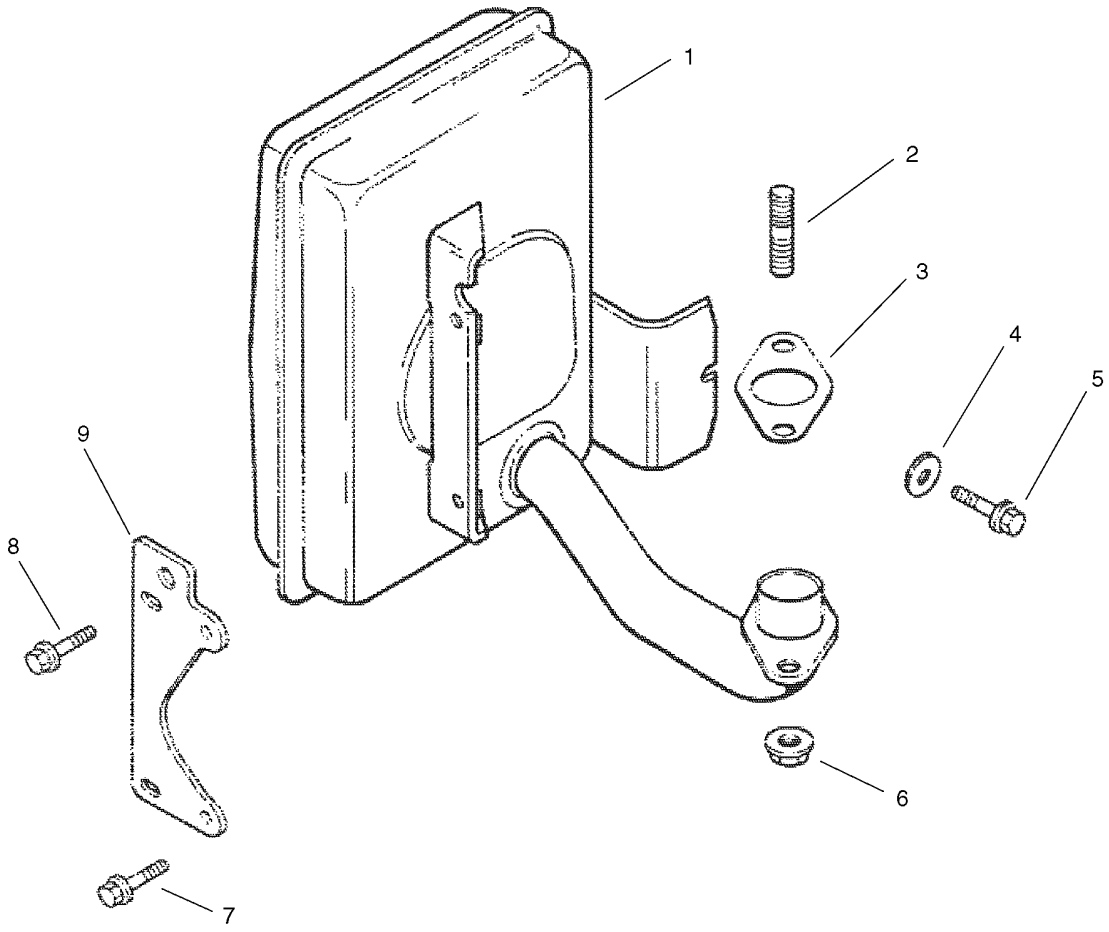
Engine Control Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	12 079 11-S	1	Linkage-Choke
❸2	12 237 01-S	1	Clamp-Cable
❸3	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)
❸4	M-664020-S	1	Screw-Socket, 6 Lobed (Thread Forming, M6X1.0X20)
❸5	12 536 01-S	1	Control, Speed Assembly (Includes 6-8)
❸6	M-443025-S	1	Screw-SPH,M4X0.7X25
❸7	12 089 11-S	1	Spring-Control, Speed
❸8	12 089 23-S	1	Spring-Return, Choke
❸9	12 089 19-S	1	Spring-Governor
❸10	12 755 83-S	1	Kit, Governor Lever (Includes 11-13)
❸11	12 100 07-S	1	Nut-Flange, Hex (1/4-20)
❸12	52 211 04-S	1	Bolt-Square Neck, Round Head (1/4-20X1)
❸13	12 090 28-S	1	Lever-Governor
❸14	25 158 11-S	1	Bushing-Linkage, Throttle
❸15	12 079 10-S	1	Linkage-Throttle
❸16	25 158 08-S	1	Bushing-Retaining, Linkage



Air Intake / Filtration Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	25 341 03-S	1	Knob-Cover
❸2	12 281 01-S	1	Duct, Air
❸3	12 096 24-S	1	Cover-Air Cleaner
❸4	12 083 12-S	1	Element-Precleaner
❸5	12 100 08-S	1	Nut-Wing
❸6	12 083 10-S	1	Element, Air Cleaner (Includes 5, 7, 8)
❸7	12 743 12-S	1	Kit, Air Cleaner Seal (Includes 5, 8)
❸8	12 032 11-S	1	Seal
❸9	12 094 07-S	1	Base, Air Cleaner (Includes 10, 11)
❸10	12 072 04-S	1	Stud
❸11	12 086 01-S	1	Screw
❸12	12 041 02-S	0	Gasket-Base, Air Cleaner



Exhaust Assembly
Kohler CV 490-27503

Ref	Part No.	Qty.	Description
❸1	12 068 55-S	1	Muffler
❸2	25 072 04-S	1	Stud (M8X1.25X33)
❸3	12 041 03-S	1	Gasket-Manifold, Exhaust
❸4	X-25-78-S	1	Washer-Plain (1/4In)
❸5	M-545016-S	1	Screw-Flange, Thread Forming (M5X0.8X16)
❸6	M-841080-S	1	Nut-Flange (M8X1.25)
❸7	M-645016-S	1	Screw-Flange, Thread Forming (M6X1.0X16)
❸8	M-645025-S	1	Screw-Flange, Thread Forming (M6X1.0X25)
❸9	12 126 71-S	1	Bracket-Muffler
❶❸	12 755 70-S	1	Kit, Muffler Guard (Includes Screw (4) M-545010-S)
❶❸	M-545010-S	1	Screw-Flange, Thread Forming (M5X.8X10)
❶❸	12 522 51	1	Short Block
❶❸	12 755 93-S	1	Gasket Set

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